

From: Whiteman, Brian
Sent: Wednesday, July 06, 2005 5:31 PM
To: STIC-Biotech/ChemLib
Subject: seq search

09/540,843
Gilchrest et al. EFD 3/31/00

SEQ ID NOS: 1, 2, 3, 4, 5, 6, 8, and 11

1) interference search

Please print first 40 hits

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Thank you,

Brian Whiteman
Remsen, 2D14
mail box 2C18
Patent Examiner - Art Unit 1635
United States Patent and Trademark Office
(571) 272-0764

1 na 9
2 na 9
3 na 7
4 na 5
5 na 11
6 na 5
8 na 20
11 na 6

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Date Searcher Picked up: _____
Date Completed: _____
Searcher Prep/Rev. Time: _____
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Type of Search

NA#: _____ AA#: _____
Interference: _____ SPDI: _____
S/L: _____ Oligomer: _____
Encode/Transl: _____
Structure#: _____ Text: _____
Inventor: _____ Litigation: _____

Vendors and cost where applicable

STN: _____
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LEXIS/NEXIS: _____
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Other(Specify): _____

Date completed: _____

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Type of Search

_____ N.A. Sequence

_____ A.A. Sequence

_____ Structure

_____ Bibliographic

Vendors

_____ IG

_____ STN

_____ Dialog

_____ APS

_____ Geninfo

_____ SDC

_____ DARC/Questel

☒ Other CGN

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OM nucleic - nucleic search, using sw model

Run on: July 12, 2005, 18:12:19 ; Search time 197.861 Seconds
(without alignments)
222.117 Million cell updates/sec

Title: US-09-540-843-3

Perfect score: 7

Sequence: 1 agtatga 7

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 6330945 seqs, 3139162390 residues

Total number of hits satisfying chosen parameters: 7146590

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Published Applications NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	7	100.0	7	14	US-10-122-633-7
5	7	100.0	9	14	US-10-122-630-1
6	7	100.0	9	14	US-10-122-633-1
7	7	100.0	10	9	US-09-398-399-31
					Sequence 3, Appli
					Sequence 7, Appli
					Sequence 3, Appli
					Sequence 7, Appli
					Sequence 1, Appli
					Sequence 31, Appli

8	7	100.0	10	9	US-09-899-381-31	Sequence 31, Appli
9	7	100.0	10	13	US-10-033-145-1423	Sequence 1423, Ap
10	7	100.0	10	16	US-10-329-465-30	Sequence 30, Appli
11	7	100.0	10	17	US-10-193-507-58	Sequence 58, Appli
12	7	100.0	10	21	US-10-818-158-2	Sequence 2, Appli
13	7	100.0	10	21	US-10-612-224-97	Sequence 97, Appli
14	7	100.0	11	19	US-10-450-797-482	Sequence 482, App
15	7	100.0	11	19	US-10-221-306A-15	Sequence 15, Appli
16	7	100.0	12	15	US-10-150-779A-15	Sequence 15, Appli
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ALIGNMENTS

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US-10-122-630-3
; Sequence 3, Application US/10122630
; Publication No. US2003032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSEQ for Windows Version 4.0
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; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
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Db 1 AGTATGA 7
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; Sequence 7, Application US/10122630
; Publication No. US2003032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.

; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
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; SOFTWARE: FastSEQ for Windows Version 4.0
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; TYPE: DNA
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; APPLICANT: Yaar, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
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; PRIOR FILING DATE: 2000-03-31
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; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
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; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
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; OTHER INFORMATION: Synthetic DNA Fragment
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US-10-122-633-1
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; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
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; SOFTWARE: FastSeq for Windows Version 4.0
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; TYPE: DNA
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; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
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Best Local Similarity 100.0%; Pred. No. 6.9e+08;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 2 AGTATGA 8

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; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
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; ORGANISM: Artificial Sequence
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; OTHER INFORMATION: Synthetic DNA Fragment
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Best Local Similarity 100.0%; Pred. No. 6.9e+08;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 2 AGTATGA 8

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; Patent No. US20020051973A1
; GENERAL INFORMATION:
; APPLICANT: DELENSTARR, GLENDA C.
; APPLICANT: LEFKOWITZ, STEVEN M.
; APPLICANT: LUBKE, KEVIN J.
; APPLICANT: OVERMAN, LESLIE B.
; APPLICANT: SAMPSON, NICHOLAS M.
; APPLICANT: SAMPSON, JEFFREY R.
; APPLICANT: WOLBER, PAUL K.
; TITLE OF INVENTION: TECHNIQUES FOR ASSESSING NONSPECIFIC BINDING OF NUCLEIC
; FILE REFERENCE: 10981620-1
; CURRENT APPLICATION NUMBER: US/09/398,399
; CURRENT FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 31
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-398-399-31
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Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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; PRIOR APPLICATION NUMBER: 10/453,410
; PRIOR FILING DATE: 2003-06-03
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; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 2
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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US-10-818-158-2

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Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 13
US-10-612-224-97/c
; Sequence 97, Application US/10612224
; Publication No. US20040137011A1
; GENERAL INFORMATION:
; APPLICANT: Cunningham, Philip R.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
; TITLE OF INVENTION: IDENTIFICATION OF ANTIBIOTICS THAT ARE NOT SUSCEPTIBLE TO
; TITLE OF INVENTION: ANTIBIOTIC RESISTANCE
; FILE REFERENCE: WSV-2597
; CURRENT APPLICATION NUMBER: US/10/612,224
; CURRENT FILING DATE: 2003-07-01
; PRIOR APPLICATION NUMBER: 60/393237
; PRIOR FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 60/452012
; PRIOR FILING DATE: 2003-03-05
; NUMBER OF SEQ ID NOS: 245
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 97
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-612-224-97

Query Match      100.0%; Score 7; DB 19; Length 11;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      7 AGTATGA 1

RESULT 14
US-10-450-797-482
; Sequence 482, Application US/10450797
; Publication No. US20040142335A1
; GENERAL INFORMATION:
; APPLICANT: Petersohn, Dirk
; APPLICANT: Conradt, Marcus
; APPLICANT: Hofmann, Kay
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; FILE REFERENCE: HENK-0041
; CURRENT APPLICATION NUMBER: US/10/450,797
; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: PCT/EP01/15178
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: DE 101 00 121.5
```

```
; PRIOR FILING DATE: 2001-01-03
; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 482
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-797-482

Query Match      100.0%; Score 7; DB 19; Length 11;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      1 AGTATGA 7

RESULT 15
US-10-221-306A-15/c
; Sequence 15, Application US/10221306A
; Publication No. US20040171820A1
; GENERAL INFORMATION:
; APPLICANT: Seela, Frank
; APPLICANT: Debelak, Harald
; APPLICANT: Bergmann, Frank
; APPLICANT: Heindl, Dieter
; APPLICANT: von der Eltz, Herbert
; TITLE OF INVENTION: N8- and C8-linked purine bases and structurally related
; TITLE OF INVENTION: heterocycles as universal nucleosides used for
; TITLE OF INVENTION: oligonucleotide hybridization
; FILE REFERENCE: 19028.US
; CURRENT APPLICATION NUMBER: US/10/221,306A
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: PCT/EP01/03458
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic; oligonucleotide designated 118 useful in a model
; OTHER INFORMATION: oligonucleotide hybridization system for analysing properties
; OTHER INFORMATION: of nucleotide analogues as described in the present
; OTHER INFORMATION: application
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: abasic linker-group at 3-OH-group of sugar
US-10-221-306A-15

Query Match      100.0%; Score 7; DB 19; Length 11;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      11 AGTATGA 5

RESULT 16
US-10-150-779A-15/c
; Sequence 15, Application US/10150779A
; Publication No. US20030125241A1
; GENERAL INFORMATION:
; APPLICANT: WISSENBACH, MARGIT
; APPLICANT: KOCH, TROELS
; APPLICANT: ORUM, HENRICK
; APPLICANT: HANSEN, BO
; TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN
; TITLE OF INVENTION: INFECTIOUS DISEASES
```

; FILE REFERENCE: 55704 (45120)
; CURRENT APPLICATION NUMBER: US/10/150,779A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: 60/291,830
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 15
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-150-779A-15

Query Match 100.0%; Score 7; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 11 AGTATGA 5

RESULT 17
US-10-150-779A-16/c
; Sequence 16, Application US/10150779A
; Publication No. US20030125241A1
; GENERAL INFORMATION:
; APPLICANT: WISSENBACH, MARGIT
; APPLICANT: KOCH, TROELS
; APPLICANT: ORUM, HENRIK
; APPLICANT: HANSEN, BO
; TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN
; TITLE OF INVENTION: INFECTIOUS DISEASES
; FILE REFERENCE: 55704 (45120)
; CURRENT APPLICATION NUMBER: US/10/150,779A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: 60/291,830
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 16
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: DNA oligonucleotide with phosphorothioate backbone
US-10-150-779A-16

Query Match 100.0%; Score 7; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 11 AGTATGA 5

RESULT 18
US-10-257-017B-267717/c
; Sequence 267717, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 270751
; LENGTH: 12
; TYPE: DNA
; CURRENT APPLICATION NUMBER: US/10/257,017B

; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 267717
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0000478
US-10-257-017B-267717

Query Match 100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 12 AGTATGA 6

RESULT 19
US-10-257-017B-268330/c
; Sequence 268330, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 268330
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0001064
US-10-257-017B-268330

Query Match 100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 11 AGTATGA 5

RESULT 20
US-10-257-017B-270751
; Sequence 270751, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 270751
; LENGTH: 12
; TYPE: DNA
; CURRENT APPLICATION NUMBER: US/10/257,017B

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002258
US-10-257-017B-270751

Query Match      100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 1 AGTATGA 7

RESULT 21
US-10-257-017B-271312
; Sequence 271312, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271312
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002461
US-10-257-017B-271312

Query Match      100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 3 AGTATGA 9

RESULT 22
US-10-257-017B-271422/c
; Sequence 271422, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271422
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002501
US-10-257-017B-271422

Query Match      100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 3 AGTATGA 9

RESULT 23
US-10-257-017B-271762
; Sequence 271762, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271762
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002606
US-10-257-017B-271762

Query Match      100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 4 AGTATGA 10

RESULT 24
US-10-257-017B-274643
; Sequence 274643, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 274643
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003624
US-10-257-017B-274643

Query Match      100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 3 AGTATGA 9
```

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RESULT 25
US-10-257-017B-274645
; Sequence 274645, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 274645
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003624
US-10-257-017B-274645

Query Match      100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 3 AGTATGA 9

RESULT 26
US-10-257-017B-275436/c
; Sequence 275436, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 275436
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003893
US-10-257-017B-275436

Query Match      100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 7 AGTATGA 1

RESULT 27
US-10-257-017B-278130/c
; Sequence 278130, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
```

```
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 278130
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0005661
US-10-257-017B-278130

Query Match      100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 12 AGTATGA 6

RESULT 28
US-10-257-017B-278178
; Sequence 278178, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 278178
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0005765
US-10-257-017B-278178

Query Match      100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 6 AGTATGA 12

RESULT 29
US-10-257-017B-279165
; Sequence 279165, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
```

; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 279165

; LENGTH: 12

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0006974

US-10-257-017B-279165

Query Match 100.0%; Score 7; DB 20; Length 12;

Best Local Similarity 100.0%; Pred. No. 2e+05;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7

Db 1 AGTATGA 7

RESULT 30

US-10-257-017B-279249

; Sequence 279249, Application US/10257017B

; Publication No. US20040241651A1

; GENERAL INFORMATION:

; APPLICANT: Alexander Olek

; APPLICANT: Christian Piepenbrock

; APPLICANT: Kurt Berlin

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; FILE REFERENCE: E01/1193/WO

; CURRENT APPLICATION NUMBER: US/10/257,017B

; CURRENT FILING DATE: 2002-10-07

; PRIOR APPLICATION NUMBER: DE 10019173.8

; PRIOR FILING DATE: 2000-04-07

; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 279249

; LENGTH: 12

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007098

US-10-257-017B-279249

Query Match

Best Local Similarity 100.0%; Score 7; DB 20; Length 12;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7

Db 2 AGTATGA 8

RESULT 31

US-10-257-017B-279325

; Sequence 279325, Application US/10257017B

; Publication No. US20040241651A1

; GENERAL INFORMATION:

; APPLICANT: Alexander Olek

; APPLICANT: Christian Piepenbrock

; APPLICANT: Kurt Berlin

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; FILE REFERENCE: E01/1193/WO

; CURRENT APPLICATION NUMBER: US/10/257,017B

; CURRENT FILING DATE: 2002-10-07

; PRIOR APPLICATION NUMBER: DE 10019173.8

; PRIOR FILING DATE: 2000-04-07

; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 279325

; LENGTH: 12

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007174

US-10-257-017B-279325

Query Match

Best Local Similarity 100.0%; Score 7; DB 20; Length 12;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7

Db 3 AGTATGA 9

RESULT 32

US-10-257-017B-279622

; Sequence 279622, Application US/10257017B

; Publication No. US20040241651A1

; GENERAL INFORMATION:

; APPLICANT: Alexander Olek

; APPLICANT: Christian Piepenbrock

; APPLICANT: Kurt Berlin

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; FILE REFERENCE: E01/1193/WO

; CURRENT APPLICATION NUMBER: US/10/257,017B

; CURRENT FILING DATE: 2002-10-07

; PRIOR APPLICATION NUMBER: DE 10019173.8

; PRIOR FILING DATE: 2000-04-07

; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 279622

; LENGTH: 12

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007613

US-10-257-017B-279622

Query Match

Best Local Similarity 100.0%; Score 7; DB 20; Length 12;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7

Db 2 AGTATGA 8

RESULT 33

US-10-257-017B-280377

; Sequence 280377, Application US/10257017B

; Publication No. US20040241651A1

; GENERAL INFORMATION:

; APPLICANT: Alexander Olek

; APPLICANT: Christian Piepenbrock

; APPLICANT: Kurt Berlin

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; FILE REFERENCE: E01/1193/WO

; CURRENT APPLICATION NUMBER: US/10/257,017B

; CURRENT FILING DATE: 2002-10-07

; PRIOR APPLICATION NUMBER: DE 10019173.8

; PRIOR FILING DATE: 2000-04-07

; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 280377

; LENGTH: 12

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0008537

US-10-257-017B-280377

Query Match

Best Local Similarity 100.0%; Score 7; DB 20; Length 12;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
| | | | |
Db 1 AGTATGA 7

RESULT 34

US-10-257-017B-280601/c
; Sequence 280601, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 280601
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0008828
US-10-257-017B-280601

Query Match 100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
| | | | |
Db 7 AGTATGA 1

RESULT 35

US-10-257-017B-280912/c
; Sequence 280912, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 280912
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0009246
US-10-257-017B-280912

Query Match 100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
| | | | |
Db 9 AGTATGA 3

RESULT 36

US-10-257-017B-281987/c

; Sequence 281987, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 281987
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010235
US-10-257-017B-281987

Query Match 100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
| | | | |
Db 11 AGTATGA 5

RESULT 37

US-10-257-017B-282596/c
; Sequence 282596, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 282596
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010900
US-10-257-017B-282596

Query Match 100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
| | | | |
Db 9 AGTATGA 3

RESULT 38

US-10-257-017B-284462
; Sequence 284462, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine


```
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 284462
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0011841
US-10-257-017B-284462

Query Match      100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 1 AGTATGA 7

RESULT 39
US-10-257-017B-284463
; Sequence 284463, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 284463
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0011841
US-10-257-017B-284463

Query Match      100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 1 AGTATGA 7

RESULT 40
US-10-257-017B-284919
; Sequence 284919, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 284919
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012055
US-10-257-017B-284919

Query Match      100.0%; Score 7; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 4 AGTATGA 10

Search completed: July 13, 2005, 04:11:15
Job time : 200.861 secs
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: July 12, 2005, 15:44:02 ; Search time 41.2911 Seconds
(without alignment)
277.395 Million cell updates/sec

Title: US-09-540-843-3

Perfect score: 7

Sequence: 1 agtatga 7

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 1407054

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Issued Patents NA.*

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2: /cgn2_6/ptodata/1/ina/5B_COMB.seq.*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq.*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq.*
5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq.*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	7	100.0	7	3	US-09-048-927-3
2	7	100.0	9	3	US-09-048-927-1
3	7	100.0	13	4	US-09-922-445-12
4	7	100.0	13	4	US-09-922-445-22
5	7	100.0	14	2	US-08-485-133-27
6	7	100.0	14	2	US-08-744-905A-4
7	7	100.0	15	1	US-08-334-847-24
8	7	100.0	15	1	US-08-334-847-327
9	7	100.0	15	1	US-08-671-071B-2
10	7	100.0	15	2	US-08-747-121-4
11	7	100.0	15	2	US-08-585-684B-130
12	7	100.0	15	2	US-08-585-684B-1315
13	7	100.0	15	2	US-08-485-133-28
14	7	100.0	15	3	US-09-094-714A-33
15	7	100.0	15	3	US-09-094-714A-34
16	7	100.0	15	3	US-09-049-150-6
17	7	100.0	15	3	US-09-049-150-7
18	7	100.0	15	3	US-09-038-073-130
19	7	100.0	15	3	US-09-038-073-1315
20	7	100.0	15	3	US-08-932-140C-6
21	7	100.0	15	3	US-08-932-140C-7
22	7	100.0	15	3	US-09-253-977-2
23	7	100.0	15	4	US-09-272-343-1
24	7	100.0	15	4	US-09-272-343-2
25	7	100.0	15	4	US-09-486-623C-6
26	7	100.0	15	4	US-09-486-623C-7
27	7	100.0	16	1	US-07-977-284A-59

28	7	100.0	16	1	US-08-719-593-24	Sequence 24, Appl
c 29	7	100.0	16	2	US-08-256-426B-59	Sequence 59, Appl
30	7	100.0	16	3	US-08-458-814-1	Sequence 1, Appl
31	7	100.0	16	4	US-09-479-005A-125	Sequence 125, App
32	7	100.0	16	4	US-09-479-005A-126	Sequence 126, App
33	7	100.0	17	1	US-08-390-850-461	Sequence 461, App
34	7	100.0	17	1	US-08-435-634-461	Sequence 461, App
35	7	100.0	17	1	US-08-758-306-365	Sequence 365, App
c 36	7	100.0	17	1	US-08-758-306-367	Sequence 367, App
37	7	100.0	17	1	US-08-758-306-369	Sequence 369, App
38	7	100.0	17	1	US-08-758-306-371	Sequence 371, App
c 39	7	100.0	17	1	US-08-758-306-813	Sequence 813, App
40	7	100.0	17	1	US-08-758-306-815	Sequence 815, App
c 41	7	100.0	17	2	US-08-671-320-6	Sequence 6, Appli
c 42	7	100.0	17	2	US-08-868-577-6	Sequence 6, Appli
43	7	100.0	17	2	US-08-485-133-2	Sequence 2, Appli
44	7	100.0	17	3	US-08-985-162-443	Sequence 443, App
45	7	100.0	17	3	US-08-985-162-444	Sequence 444, App
c 46	7	100.0	17	4	US-09-207-914-6	Sequence 6, Appli
47	7	100.0	17	4	US-09-401-063-443	Sequence 443, App
48	7	100.0	17	4	US-09-401-063-444	Sequence 444, App
49	7	100.0	17	4	US-09-866-108A-2749	Sequence 2749, Ap
50	7	100.0	17	4	US-09-866-108A-2750	Sequence 2750, Ap
51	7	100.0	17	4	US-09-866-108A-2751	Sequence 2751, Ap
52	7	100.0	17	4	US-09-866-108A-2752	Sequence 2752, Ap
53	7	100.0	17	4	US-09-866-108A-2753	Sequence 2753, Ap
54	7	100.0	17	4	US-09-866-108A-2754	Sequence 2754, Ap
55	7	100.0	17	4	US-09-866-108A-2755	Sequence 2755, Ap
56	7	100.0	17	4	US-09-866-108A-2756	Sequence 2756, Ap
57	7	100.0	17	4	US-09-866-108A-2757	Sequence 2757, Ap
58	7	100.0	17	4	US-09-866-108A-2758	Sequence 2758, Ap
59	7	100.0	17	4	US-09-866-108A-2759	Sequence 2759, Ap
60	7	100.0	17	4	US-09-866-108A-8150	Sequence 8150, Ap
61	7	100.0	17	4	US-09-866-108A-8151	Sequence 8151, Ap
62	7	100.0	17	4	US-09-866-108A-8152	Sequence 8152, Ap
63	7	100.0	17	4	US-09-866-108A-8153	Sequence 8153, Ap
64	7	100.0	17	4	US-09-866-108A-8154	Sequence 8154, Ap
65	7	100.0	17	4	US-09-866-108A-8155	Sequence 8155, Ap
66	7	100.0	17	4	US-09-866-108A-8156	Sequence 8156, Ap
67	7	100.0	17	4	US-09-866-108A-8157	Sequence 8157, Ap
68	7	100.0	17	4	US-09-866-108A-8158	Sequence 8158, Ap
69	7	100.0	17	4	US-09-866-108A-8159	Sequence 8159, Ap
70	7	100.0	17	4	US-09-866-108A-8160	Sequence 8160, Ap
c 71	7	100.0	17	4	US-09-404-912-594	Sequence 594, App
72	7	100.0	18	1	US-07-688-352C-8	Sequence 8, Appli
73	7	100.0	18	1	US-08-363-585-55	Sequence 55, Appl
74	7	100.0	18	1	US-08-358-995-10	Sequence 10, Appl
c 75	7	100.0	18	2	US-08-928-692-48	Sequence 48, Appl
76	7	100.0	18	2	US-08-474-379C-8	Sequence 8, Appli
77	7	100.0	18	2	US-09-200-141-19	Sequence 19, Appl
78	7	100.0	18	2	US-09-213-768-24	Sequence 24, Appl
79	7	100.0	18	2	US-09-213-768-25	Sequence 25, Appl
80	7	100.0	18	2	US-09-213-768-29	Sequence 29, Appl
81	7	100.0	18	3	US-08-604-991-6	Sequence 6, Appli
82	7	100.0	18	3	US-09-146-249A-8	Sequence 8, Appli
83	7	100.0	18	3	US-09-363-639-6	Sequence 6, Appli
84	7	100.0	18	3	US-08-206-188B-8	Sequence 8, Appli
c 85	7	100.0	18	3	US-09-630-706-80	Sequence 80, Appl
86	7	100.0	18	3	US-09-339-972-48	Sequence 48, Appl
c 87	7	100.0	18	3	US-09-167-109-21	Sequence 21, Appl
c 88	7	100.0	18	4	US-09-422-978-4445	Sequence 4445, Ap
89	7	100.0	18	4	US-09-422-978-4623	Sequence 4623, Ap
90	7	100.0	18	4	US-09-422-978-4648	Sequence 4648, Ap
c 91	7	100.0	18	4	US-09-422-978-4729	Sequence 4729, Ap
92	7	100.0	18	4	US-09-422-978-9976	Sequence 9976, Ap
c 93	7	100.0	18	4	US-09-554-726A-26	Sequence 26, Appl
94	7	100.0	18	4	US-09-602-787A-677	Sequence 677, App
95	7	100.0	18	4	US-09-984-292-30	Sequence 30, Appl
96	7	100.0	18	4	US-09-603-208A-305	Sequence 305, App
c 97	7	100.0	18	4	US-09-847-940C-27	Sequence 27, Appl
98	7	100.0	18	4	US-09-602-777A-441	Sequence 441, App
c 99	7	100.0	18	5	PCT-US91-02714-8	Sequence 8, Appli
c 100	7	100.0	19	1	US-08-410-780A-25	Sequence 25, Appl

ALIGNMENTS

RESULT 1
US-09-048-927-3
; Sequence 3, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-3

Query Match 100.0%; Score 7; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 2.3e+08;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
|||
Db 1 AGTATGA 7

RESULT 2
US-09-048-927-1
; Sequence 1, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-1

Query Match 100.0%; Score 7; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.8e+08;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
|||
Db 2 AGTATGA 8

RESULT 3
US-09-922-445-12/c
; Sequence 12, Application US/09922445
; Patent No. 6528268
; GENERAL INFORMATION:
; APPLICANT: Andersson, Maria K.
; APPLICANT: Berglund, Lars G. T.
; APPLICANT: Reneland, Rikard H.
; APPLICANT: Adam, Gail I. R.
; TITLE OF INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE
; FILE REFERENCE: GGI26US
; CURRENT APPLICATION NUMBER: US/09/922,445
; CURRENT FILING DATE: 2001-08-03
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 13
; TYPE: DNA
; ORGANISM: synthetic
US-09-922-445-12

Query Match 100.0%; Score 7; DB 4; Length 13;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
|||
Db 9 AGTATGA 3

RESULT 4
US-09-922-445-22
; Sequence 22, Application US/09922445
; Patent No. 6528268
; GENERAL INFORMATION:
; APPLICANT: Andersson, Maria K.
; APPLICANT: Berglund, Lars G. T.
; APPLICANT: Reneland, Rikard H.
; APPLICANT: Adam, Gail I. R.
; TITLE OF INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE
; FILE REFERENCE: GGI26US
; CURRENT APPLICATION NUMBER: US/09/922,445
; CURRENT FILING DATE: 2001-08-03
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 13
; TYPE: DNA
; ORGANISM: synthetic
US-09-922-445-22

Query Match 100.0%; Score 7; DB 4; Length 13;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
|||
Db 5 AGTATGA 11

RESULT 5
US-08-485-133-27
; Sequence 27, Application US/08485133
; Patent No. 5976789
; GENERAL INFORMATION:
; APPLICANT: Allibert, Patrice A.
; APPLICANT: Cros, Philippe
; APPLICANT: Mach, Bernard F.
; APPLICANT: Mandrand, Bernard F.
; APPLICANT: Tiercy, Jean-Marie
; TITLE OF INVENTION: SYSTEM OF PROBES ENABLING HLA-DR TYPING

```

; TITLE OF INVENTION: TO BE PERFORMED, AND TYPING METHOD USING SAID PROBE
; NUMBER OF SEQUENCES: 81
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OLIFF & BERRIDGE
; STREET: P.O. Box 19928
; CITY: Alexandria
; STATE: Virginia
; ZIP: 22320
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485.133
; FILING DATE: 7-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/030.143
; FILING DATE: 11-MAR-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 28596A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-485-133-27

Query Match 100.0%; Score 7; DB 2; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0

QY 1 AGTATGA 7
Db 8 AGTATGA 14

RESULT 6
US-08-744-905A-4/G
; Sequence 4, Application US/08744905A
; Patent No. 5990294
; GENERAL INFORMATION:
; APPLICANT: Murphy, Gerald
; APPLICANT: Boynton, Alton
; APPLICANT: Sehgal, Anil
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID
; TITLE OF INVENTION: SEQUENCES OF C4-2, A TUMOR SUPPRESSOR GENE,
; TITLE OF INVENTION: AND METHODS OF USE THEREOF
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Fast-SEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/744.905A
; FILING DATE: 08-NOV-1996
; CLASSIFICATION: 536

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INFORMATION FOR SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-334-847-24

Query Match 100.0%; Score 7; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 3.6e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
||:|:
Db 5 AGAUGA 11

RESULT 8

US-08-334-847-327
; Sequence 327, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCYTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334.847
; FILING DATE: No. 5693532ember 4, 1994
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 327:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-334-847-327

Query Match 100.0%; Score 7; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 3.6e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
||:|:
Db 5 AGAUGA 11

RESULT 9

US-08-671-071B-2/c
; Sequence 2, Application US/08671071B
; Patent No. 5811270
; GENERAL INFORMATION:
; APPLICANT: Grandgenett, Duane
; TITLE OF INVENTION: An in vitro method for concerted integration of
; TITLE OF INVENTION: donor DNA molecules using retroviral integrase proteins.
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Grandgenett, Duane
; STREET: 8610 Henrietta Ave
; CITY: Brentwood
; STATE: Missouri
; COUNTRY: USA
; ZIP: 63144
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Distette, 3.5 inch;
; COMPUTER: Gateway 2000, 4DX2-66E(Intel)
; OPERATING SYSTEM: IBM clone
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/671.071B
; FILING DATE: 06/27/96
; CLASSIFICATION: 435
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (314) 962-0064
; TELEFAX: (314) 577-8406
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: no
; ORIGINAL SOURCE: Combination of avian or HIV-1 retrovirus
; ORIGINAL SOURCE: DNA, p1AN7 plasmid and pGEM plasmid.
; IMMEDIATE SOURCE: Same as in 2.vi.
; FEATURE:
; OTHER INFORMATION: The sequence is the bottom strand of
; OTHER INFORMATION: M-2 U5 and the pGEM target of the top clone shown in
; OTHER INFORMATION: Figure 14 of original application.
US-08-671-071B-2

Query Match 100.0%; Score 7; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
||:|:
Db 9 AGTATGA 3

RESULT 10

US-08-747-121-4/c
; Sequence 4, Application US/08747121
; Patent No. 5874290
; GENERAL INFORMATION:
; APPLICANT: Murphy, Gerald
; APPLICANT: Boynton, Alton
; APPLICANT: Sehgal, Anil
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID
; TITLE OF INVENTION: SEQUENCES OF A D2-2 GENE ASSOCIATED WITH
; TITLE OF INVENTION: BRAIN TUMORS AND METHODS BASED THEREON
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York

```
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/747,121
; FILING DATE: 08-NOV-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Baldwin, Geraldine F
; REGISTRATION NUMBER: 31,232
; REFERENCE/DOCKET NUMBER: 8511-008
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8698864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1
; OTHER INFORMATION: Where N is any nucleotide
; US-08-747-121-4

Query Match 100.0%; Score 7; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 15 AGTATGA 9

RESULT 11
US-08-585-684B-130
; Sequence 130, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1315:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; FILING DATE: January 16, 1996

STATE: NY
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/747,121
FILING DATE: 08-NOV-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Baldwin, Geraldine F
REGISTRATION NUMBER: 31,232
REFERENCE/DOCKET NUMBER: 8511-008
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)7909090
TELEFAX: (212)8698864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1
OTHER INFORMATION: Where N is any nucleotide
US-08-747-121-4

Query Match 100.0%; Score 7; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 15 AGTATGA 9

RESULT 12
US-08-585-684B-1315
; Sequence 1315, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1315:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; FILING DATE: January 16, 1996
```

TOPOLOGY: linear
US-08-585-684B-1315

Query Match 100.0%; Score 7; DB 2; Length 15;
Best Local Similarity 71.4%; Pred. No. 3.6e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
||:||||
Db 5 AGAUGA 11

RESULT 13

US-08-485-133-28
; Sequence 28, Application US/08485133
; Patent No. 5976789
; GENERAL INFORMATION:
; APPLICANT: Allibert, Patrice A.
; APPLICANT: Gros, Philippe
; APPLICANT: Mach, Bernard F.
; APPLICANT: Mandrand, Bernard F.
; APPLICANT: Tiercy, Jean-Marie
; TITLE OF INVENTION: SYSTEM OF PROBES ENABLING HLA-DR TYPING
; TITLE OF INVENTION: TO BE PERFORMED, AND TYPING METHOD USING SAID PROBES
; NUMBER OF SEQUENCES: 81
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OLIFF & BERRIDGE
; STREET: P.O. Box 19928
; CITY: Alexandria
; STATE: Virginia
; ZIP: 22320
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,133
; FILING DATE: 7-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/030,143
; FILING DATE: 11-MAR-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 28596A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

Query Match 100.0%; Score 7; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
|||||||
Db 9 AGTATGA 15

RESULT 14

US-09-094-714A-33/c
; Sequence 33, Application US/09094714A
; Patent No. 6117847
; GENERAL INFORMATION:

APPLICANT: C. Frank Bennett, Nicholas M. Dean
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR ENHANCED MODULATION OF
; PROTEIN KINASE C EXPRESSION
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6117847ris, LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103

COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/094,714A
; FILING DATE: June 15, 1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/601,269
; FILING DATE: 14-FEB-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/478,178
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/089,996
; FILING DATE: 09-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/852,852
; FILING DATE: 16-MAR-1992

ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-2943
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-094-714A-33

Query Match 100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
|||||||
Db 12 AGTATGA 6

RESULT 15

US-09-094-714A-34/c
; Sequence 34, Application US/09094714A
; Patent No. 6117847
; GENERAL INFORMATION:

APPLICANT: C. Frank Bennett, Nicholas M. Dean
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR ENHANCED MODULATION OF
; PROTEIN KINASE C EXPRESSION
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6117847ris, LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: PC-DOS
 SOFTWARE: WORDPERFECT 8.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/094,714A
 FILING DATE: June 15, 1998
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/601,269
 FILING DATE: 14-FEB-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/478,178
 FILING DATE: 07-JUN-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/089,996
 FILING DATE: 09-JUL-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/852,852
 FILING DATE: 16-MAR-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Paul K. Legaard
 REGISTRATION NUMBER: 38,534
 REFERENCE/DOCKET NUMBER: ISIS-2943
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (215) 568-3100
 TELEFAX: (215) 568-3439
 INFORMATION FOR SEQ ID NO: 34:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-094-714A-34

Query Match 100.0%; Score 7; DB 3; Length 15;

Best Local Similarity 100.0%; Pred. No. 3.6e+04; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7

Db 14 AGTATGA 8

RESULT 16

US-09-049-190-6/c
 Sequence 6, Application US/09049190
 Patent No. 6190866
 GENERAL INFORMATION:
 APPLICANT: Nielsen et al.
 TITLE OF INVENTION: Peptide Nucleic Acids Having
 TITLE OF INVENTION: Antibacterial Activity
 NUMBER OF SEQUENCES: 20
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
 STREET: One Liberty Place - 46th Floor
 CITY: Philadelphia
 STATE: PA
 COUNTRY: U.S.A.
 ZIP: 19103
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WordPerfect 6.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/049,190
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:

NAME: John W. Caldwell
 REGISTRATION NUMBER: 28,937
 REFERENCE/DOCKET NUMBER: ISIS-2560
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 215-568-3100
 TELEFAX: 215-568-3439
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 bases
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 1
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 2
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 3
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 4
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 5
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 6
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 7
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 8
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 9
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 10
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 11
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 12
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:

NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine
OTHER INFORMATION: backbone
US-09-049-190-6

Query Match 100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 AGTATGA 7
Db 10 AGTATGA 4

RESULT 17
US-09-049-190-7/c
Sequence 7, Application US/09049190
Patent No. 6190866
GENERAL INFORMATION:
APPLICANT: Nielsen et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having
TITLE OF INVENTION: Antibacterial Activity
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/049,190
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell
REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: ISIS-2560
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
& No. 6190866ris LLP

LOCATION: 2
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 3
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine
OTHER INFORMATION: backbone
US-09-049-190-7

Query Match 100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 13 AGTATGA 7

RESULT 18
US-09-038-073-130
; Sequence 130, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 130:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-130

Query Match 100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 71.4%; Pred. No. 3.6e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 5 AGAUGA 11

RESULT 19
US-09-038-073-1315
; Sequence 1315, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1315:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-1315

Query Match 100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 71.4%; Pred. No. 3.6e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 5 AGAUGA 11

RESULT 20
US-08-932-140C-6/C
; Sequence 6, Application US/08932140C
; Patent No. 6300318
; GENERAL INFORMATION:
; APPLICANT: Nielsen et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having
; TITLE OF INVENTION: Antibacterial Activity
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No. 6300318ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/932,140C
; FILING DATE: September 16, 1997
; CLASSIFICATION:

```
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell
; REGISTRATION NUMBER: 28,937
; REFERENCE/DOCKET NUMBER: ISIS-2560
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 3
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 4
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 5
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 6
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 9
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 10
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 11
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 12
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
;
; OTHER INFORMATION: backbone
```

```
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: N-acetyl(2-aminoethyl)-C-
; OTHER INFORMATION: lysine-glycine backbone
;
; US-08-932-140C-6
;
; Query Match 100.0%; Score 7; DB 3; Length 15;
; Best Local Similarity 100.0%; Pred. No. 3.6e+04;
; Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 1 AGTATGA 7
; Db 10 AGTATGA 4
;
; RESULT 21
; US-08-932-140C-7/c
; Sequence 7, Application US/08932140C
; Patent No. 6300318
; GENERAL INFORMATION:
; APPLICANT: Nielsen et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having
; TITLE OF INVENTION: Antibacterial Activity
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No. 6300318Bris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/932,140C
; FILING DATE: September 16, 1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell
; REGISTRATION NUMBER: 28,937
; REFERENCE/DOCKET NUMBER: ISIS-2560
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 3
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
```

FEATURE:
NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-
OTHER INFORMATION: lysine-glycine backbone

US-08-932-140C-7
Query Match 100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
| | | | |
DB 13 AGTATGA 7

RESULT 22
US-09-253-977-2/c

; Sequence 2, Application US/09253977A
; Patent No. 6316261
; GENERAL INFORMATION:
; APPLICANT: Grandgenett, Duane P.
; TITLE OF INVENTION: Method for Analyzing Concerted Integration of DNA Donor
; TITLE OF INVENTION: Molecules into Target DNA and the Enzymes that Perform
; TITLE OF INVENTION: this Concerted Integration Reaction
; FILE REFERENCE: 16153-8244
; CURRENT APPLICATION NUMBER: US/09/253,977A
; CURRENT FILING DATE: 1998-09-21
; EARLIER APPLICATION NUMBER: 08/671,071
; EARLIER FILING DATE: 1996-06-27
; EARLIER APPLICATION NUMBER: 08/247,089
; EARLIER FILING DATE: 1994-05-20
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Combination
; OTHER INFORMATION: of avian or HIV-1 retrovirus DNA and pIAN7 plasmid
US-09-253-977-2

Query Match 100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
| | | | |
DB 9 AGTATGA 3

RESULT 23

US-09-272-343-1/c
; Sequence 1, Application US/09272343
; Patent No. 6596508
; GENERAL INFORMATION:
; APPLICANT: DUROCHER, Yves
; TITLE OF INVENTION: CRE-INDUCIBLE EXPRESSION SYSTEM
; FILE REFERENCE: 2139-13US FC
; CURRENT APPLICATION NUMBER: US/09/272,343
; CURRENT FILING DATE: 1999-03-19
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: endogenous CRE sequence of VIP promoter
US-09-272-343-1

Query Match 100.0%; Score 7; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
| | | | |
DB 9 AGTATGA 3

RESULT 24

US-09-272-343-2
; Sequence 2, Application US/09272343
; Patent No. 6596508
; GENERAL INFORMATION:
; APPLICANT: DUROCHER, Yves
; TITLE OF INVENTION: CRE-INDUCIBLE EXPRESSION SYSTEM
; FILE REFERENCE: 2139-13US FC
; CURRENT APPLICATION NUMBER: US/09/272,343
; CURRENT FILING DATE: 1999-03-19

```
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: CRE sequence of VIP promoter
US-09-272-343-2

Query Match      100.0%; Score 7; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
      |||||
Db      7 AGTATGA 13

RESULT 25
US-09-486-623C-6/c
; Sequence 6, Application US/09486623C
; Patent No. 6734161
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Peter E.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity
; FILE REFERENCE: ISIS-3292
; CURRENT APPLICATION NUMBER: US/09/486,623C
; CURRENT FILING DATE: 2000-07-06
; PRIOR APPLICATION NUMBER: 08/932,140
; PRIOR FILING DATE: 1997-09-16
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (1)..(14)
; OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine
US-09-486-623C-6

Query Match      100.0%; Score 7; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
      |||||
Db      10 AGTATGA 4

RESULT 26
US-09-486-623C-7/c
; Sequence 7, Application US/09486623C
; Patent No. 6734161
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Peter E.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity
; FILE REFERENCE: ISIS-3292
; CURRENT APPLICATION NUMBER: US/09/486,623C
; CURRENT FILING DATE: 2000-07-06
; PRIOR APPLICATION NUMBER: 08/932,140
; PRIOR FILING DATE: 1997-09-16
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7
```

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; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(14)
; OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
US-09-486-623C-7

Query Match      100.0%; Score 7; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
      |||||
Db      13 AGTATGA 7

RESULT 27
US-07-977-284A-59/c
; Sequence 59, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofar Nina
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,284A
; FILING DATE: 13-NOV-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
US-07-977-284A-59
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Query Match 100.0%; Score 7; DB 1; Length 16;
 Best Local Similarity 100.0%; Pred. No. 3.6e+04;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
 |||||
 Db 9 AGTATGA 3

RESULT 28
 US-08-719-593-24
 ; Sequence 24, Application US/08719593
 ; Patent No. 5741706
 ; GENERAL INFORMATION:
 ; APPLICANT: Leavitt, Markley Carl
 ; APPLICANT: Duarte, Elizabeth
 ; APPLICANT: Tritz, Richard
 ; APPLICANT: Barber, Jack R.
 ; APPLICANT: Yu, Wang
 ; TITLE OF INVENTION: No. 5741706el Anti-HIV Ribozymes
 ; NUMBER OF SEQUENCES: 35
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend and Crew LLP
 ; STREET: Two Embarcadero Center, Eighth Floor
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94111-3834
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/719.593
 ; FILING DATE: No. 5741706 yet assigned
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Weber, Kenneth A.
 ; REGISTRATION NUMBER: 31,677
 ; REFERENCE/DOCKET NUMBER: 016556-000810US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 576-0200
 ; TELEFAX: (415) 576-0300
 ; INFORMATION FOR SEQ ID NO: 24:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 16 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: RNA (genomic)
 ; FEATURE:
 ; NAME/KEY: -
 ; LOCATION: 1..16
 ; OTHER INFORMATION: /note= "HIV target sequence for
 ; OTHER INFORMATION: anti-2425 GUA ribozyme target site"
 ; US-08-719-593-24

Query Match 100.0%; Score 7; DB 1; Length 16;
 Best Local Similarity 71.4%; Pred. No. 3.6e+04;
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
 |||||
 Db 5 AGAUGA 11

RESULT 29
 US-08-256-426B-59/c
 ; Sequence 59, Application US/08256426B
 ; Patent No. 5948611
 ; GENERAL INFORMATION:

; APPLICANT: Prockop, Darwin J.
 ; APPLICANT: Ala-Kokko, Leena
 ; APPLICANT: Williams, Charlene J.
 ; APPLICANT: Ritvaniemi, Pertti
 ; APPLICANT: Baldwin, Clinton
 ; APPLICANT: Hopkinson, Ian
 ; APPLICANT: Ahmad, Nilofar Nina
 ; TITLE OF INVENTION: Methods of Detecting A Genetic
 ; NUMBER OF SEQUENCES: 293
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
 ; STREET: One Liberty Place - 46th Floor
 ; CITY: Philadelphia
 ; STATE: PA
 ; COUNTRY: USA
 ; ZIP: 19103
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: Windows 3.1
 ; SOFTWARE: WORDPERFECT 6.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/256,426B
 ; FILING DATE: 03-FEB-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US93/10964
 ; FILING DATE: 12-NOV-1993
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/977,284
 ; FILING DATE: 13-NOV-1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Mark Deluca
 ; REGISTRATION NUMBER: 33,229
 ; REFERENCE/DOCKET NUMBER: TJU-1082
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (215) 568-3100
 ; TELEFAX: (215) 568-3439
 ; INFORMATION FOR SEQ ID NO: 59:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 16
 ; TYPE: NUCLEIC ACID
 ; STRANDEDNESS: SINGLE
 ; TOPOLOGY: LINEAR
 ; ANTI-SENSE: NO
 ; US-08-256-426B-59

Query Match 100.0%; Score 7; DB 2; Length 16;
 Best Local Similarity 100.0%; Pred. No. 3.6e+04;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
 |||||
 Db 9 AGTATGA 3

RESULT 30
 US-08-458-814-1
 ; Sequence 1, Application US/08458814
 ; Patent No. 6103243
 ; GENERAL INFORMATION:
 ; APPLICANT: RUSSELL-JONES, Gregory J.
 ; APPLICANT: DE AIZPURA, Henry J.
 ; APPLICANT: HOME, Peter
 ; APPLICANT: RAND, Keith N.
 ; TITLE OF INVENTION: ORAL VACCINES
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Foley & Lardner
 ; STREET: 3000 K Street, N.W.
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: USA

; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/458,814
; FILING DATE: 02-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/327,822
; FILING DATE: 18-OCT-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/AU86/00135
; FILING DATE: 14-MAY-1986
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU PH3104
; FILING DATE: 25-OCT-1985
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU PH0566
; FILING DATE: 15-MAY-1985
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 60042/155/BIAU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 672 5300
; TELEFAX: 202 672 5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..12
US-08-458-814-1

Query Match 100.0%; Score 7; DB 3; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 4 AGTATGA 10

RESULT 31
US-09-479-005A-125
; Sequence 125, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MEH800-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 125
; LENGTH: 16
; TYPE: RNA

; ORGANISM: Homo sapiens
US-09-479-005A-125
Query Match 100.0%; Score 7; DB 4; Length 16;
Best Local Similarity 71.4%; Pred. No. 3.6e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Qy 1 AGTATGA 7
Db 6 AGUAUGA 12
RESULT 32
US-09-479-005A-126
; Sequence 126, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MEH800-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 126
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-126

Query Match 100.0%; Score 7; DB 4; Length 16;
Best Local Similarity 71.4%; Pred. No. 3.6e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 2 AGUAUGA 8

RESULT 33
US-08-390-850-461
; Sequence 461, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John T.
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:


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; APPLICATION NUMBER: US/08/390.850
; FILING DATE: February 17, 1995
; PRIOR APPLICATION DATA: 08/354,920
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5612215ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 461:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-390-850-461

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Query Match 100.0%; Score 7; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 3.6e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

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QY 1 AGTATGA 7
Db 6 AGUAUGA 12

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RESULT 34
US-08-435-634-461
; Sequence 461, Application US/08435634
; Patent No. 5731295

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; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848

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; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 461:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-634-461

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Query Match 100.0%; Score 7; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 3.6e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

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QY 1 AGTATGA 7
Db 6 AGUAUGA 12

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RESULT 35
US-08-758-306-365/c
; Sequence 365, Application US/08758306
; Patent No. 5807743

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; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 365:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

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; TOPOLOGY: linear
US-08-758-306-365

Query Match      100.0%; Score 7; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      16 AGTATGA 10

RESULT 36
US-08-758-306-367/c
; Sequence 367, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 367:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 367:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-367

Query Match      100.0%; Score 7; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      14 AGTATGA 8

RESULT 37
US-08-758-306-369/c
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; Sequence 369, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
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; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 369:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-369

Query Match      100.0%; Score 7; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      11 AGTATGA 5

RESULT 38
US-08-758-306-371/c
; Sequence 371, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
```

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; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 371:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-371

Query Match 100.0%; Score 7; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
DB 8 AGTATGA 2

RESULT 39
US-08-758-306-813/c
; Sequence 813, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 815:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-813

Query Match 100.0%; Score 7; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
DB 14 AGTATGA 8

RESULT 40
US-08-758-306-815/c
; Sequence 815, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 815:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-813
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; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-815

Query Match 100.0%; Score 7; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
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Db 11 AGTATGA 5

Search completed: July 12, 2005, 21:41:26
Job time : 42.2911 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: July 12, 2005, 18:12:19 ; Search time 254.392 Seconds
(without alignments)
222.117 Million cell updates/sec

Title: US-09-540-843-1

Perfect score: 9

Sequence: 1 gagtatgag 9

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Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

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- 23: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq.*
- 24: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq.*
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- 26: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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c 4	9	100.0	12	15	US-10-150-779A-15
c 5	9	100.0	12	15	US-10-150-779A-16
c 6	9	100.0	12	20	US-10-257-017B-305165
7	9	100.0	12	20	US-10-257-017B-306811

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2	9	100.0	9	14	US-10-122-633-1
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c 4	9	100.0	12	15	US-10-150-779A-15
c 5	9	100.0	12	15	US-10-150-779A-16
c 6	9	100.0	12	20	US-10-257-017B-305165
7	9	100.0	12	20	US-10-257-017B-306811

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10	9	100.0	12	20	US-10-257-017B-326072	Sequence 326072,
c 11	9	100.0	12	20	US-10-257-017B-347990	Sequence 347990,
12	9	100.0	13	20	US-10-257-017B-30005	Sequence 30005, A
c 13	9	100.0	13	20	US-10-257-017B-30006	Sequence 30006, A
c 14	9	100.0	13	20	US-10-257-017B-37157	Sequence 37157, A
c 15	9	100.0	13	20	US-10-257-017B-37158	Sequence 37158, A
16	9	100.0	13	20	US-10-257-017B-41315	Sequence 41315, A
c 17	9	100.0	13	20	US-10-257-017B-41316	Sequence 41316, A
18	9	100.0	13	20	US-10-257-017B-48109	Sequence 48109, A
c 19	9	100.0	13	20	US-10-257-017B-48110	Sequence 48110, A
c 20	9	100.0	13	20	US-10-257-017B-48111	Sequence 48111, A
c 21	9	100.0	13	20	US-10-257-017B-51877	Sequence 51877, A
c 22	9	100.0	13	20	US-10-257-017B-51878	Sequence 51878, A
c 23	9	100.0	13	20	US-10-257-017B-51881	Sequence 51881, A
c 24	9	100.0	13	20	US-10-257-017B-51882	Sequence 51882, A
c 25	9	100.0	13	20	US-10-257-017B-78847	Sequence 78847, A
c 26	9	100.0	13	20	US-10-257-017B-78848	Sequence 78848, A
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c 28	9	100.0	13	20	US-10-257-017B-99308	Sequence 99308, A
c 29	9	100.0	13	20	US-10-257-017B-109005	Sequence 109005,
c 30	9	100.0	13	20	US-10-257-017B-109006	Sequence 109006,
c 31	9	100.0	13	20	US-10-257-017B-115707	Sequence 115707,
c 32	9	100.0	13	20	US-10-257-017B-115708	Sequence 115708,
c 33	9	100.0	13	20	US-10-257-017B-117597	Sequence 117597,
c 34	9	100.0	13	20	US-10-257-017B-117598	Sequence 117598,
c 35	9	100.0	13	20	US-10-257-017B-120569	Sequence 120569,
c 36	9	100.0	13	20	US-10-257-017B-120570	Sequence 120570,
c 37	9	100.0	13	20	US-10-257-017B-120573	Sequence 120573,
c 38	9	100.0	13	20	US-10-257-017B-120574	Sequence 120574,
c 39	9	100.0	13	20	US-10-257-017B-148811	Sequence 148811,
c 40	9	100.0	13	20	US-10-257-017B-148814	Sequence 148814,
c 41	9	100.0	13	20	US-10-257-017B-156043	Sequence 156043,
c 42	9	100.0	13	20	US-10-257-017B-156044	Sequence 156044,
c 43	9	100.0	13	20	US-10-257-017B-164309	Sequence 164309,
c 44	9	100.0	13	20	US-10-257-017B-164310	Sequence 164310,
c 45	9	100.0	13	20	US-10-257-017B-164315	Sequence 164315,
c 46	9	100.0	13	20	US-10-257-017B-164316	Sequence 164316,
c 47	9	100.0	13	20	US-10-257-017B-195897	Sequence 195897,
c 48	9	100.0	13	20	US-10-257-017B-195898	Sequence 195898,
c 49	9	100.0	13	20	US-10-257-017B-211419	Sequence 211419,
c 50	9	100.0	13	20	US-10-257-017B-211420	Sequence 211420,
c 51	9	100.0	13	20	US-10-257-017B-233743	Sequence 233743,
c 52	9	100.0	13	20	US-10-257-017B-233744	Sequence 233744,
c 53	9	100.0	13	20	US-10-257-017B-247783	Sequence 247783,
c 54	9	100.0	13	20	US-10-257-017B-247784	Sequence 247784,
c 55	9	100.0	13	20	US-10-257-017B-249857	Sequence 249857,
c 56	9	100.0	13	20	US-10-257-017B-249858	Sequence 249858,
c 57	9	100.0	16	21	US-10-872-106-4	Sequence 4, Appli
c 58	9	100.0	16	21	US-10-872-106-7	Sequence 7, Appli
c 59	9	100.0	16	21	US-10-935-958-4	Sequence 4, Appli
c 60	9	100.0	17	9	US-09-866-108-2750	Sequence 2750, Ap
c 61	9	100.0	17	9	US-09-866-108-2751	Sequence 2751, Ap
c 62	9	100.0	17	9	US-09-866-108-2752	Sequence 2752, Ap
c 63	9	100.0	17	9	US-09-866-108-2753	Sequence 2753, Ap
c 64	9	100.0	17	9	US-09-866-108-2754	Sequence 2754, Ap
c 65	9	100.0	17	9	US-09-866-108-2755	Sequence 2755, Ap
c 66	9	100.0	17	9	US-09-866-108-2756	Sequence 2756, Ap
c 67	9	100.0	17	9	US-09-866-108-2757	Sequence 2757, Ap
c 68	9	100.0	17	9	US-09-866-108-2758	Sequence 2758, Ap
c 69	9	100.0	17	9	US-10-723-361-2750	Sequence 2750, Ap
c 70	9	100.0	17	19	US-10-723-361-2751	Sequence 2751, Ap
c 71	9	100.0	17	19	US-10-723-361-2752	Sequence 2752, Ap
c 72	9	100.0	17	19	US-10-723-361-2753	Sequence 2753, Ap
c 73	9	100.0	17	19	US-10-723-361-2754	Sequence 2754, Ap
c 74	9	100.0	17	19	US-10-723-361-2755	Sequence 2755, Ap
c 75	9	100.0	17	19	US-10-723-361-2756	Sequence 2756, Ap
c 76	9	100.0	17	19	US-10-723-361-2757	Sequence 2757, Ap
c 77	9	100.0	17	19	US-10-723-361-2758	Sequence 2758, Ap
c 78	9	100.0	18	9	US-09-853-895-1	Sequence 1, Appli
c 79	9	100.0	18	21	US-10-872-106-5	Sequence 5, Appli
c 80	9	100.0	18	21	US-10-872-106-6	Sequence 6, Appli

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C 81      9 100.0   18 21  US-10-872-106-8      Sequence 8, Appli
C 82      9 100.0   18 21  US-10-872-106-9      Sequence 9, Appli
C 83      9 100.0   18 21  US-10-935-958-5      Sequence 5, Appli
C 84      9 100.0   18 21  US-10-935-958-6      Sequence 6, Appli
C 85      9 100.0   18 21  US-10-935-958-8      Sequence 8, Appli
C 86      9 100.0   18 21  US-10-935-958-9      Sequence 9, Appli
C 87      9 100.0   18 21  US-10-656-140A-1      Sequence 1, Appli
C 88      9 100.0   19 16  US-10-205-309-181      Sequence 181, App
C 89      9 100.0   19 16  US-10-205-309-506      Sequence 506, App
C 90      9 100.0   20 10  US-09-774-809-101      Sequence 101, App
C 91      9 100.0   20 10  US-09-774-809-102      Sequence 102, App
C 92      9 100.0   20 13  US-10-128-870-15      Sequence 15, Appl
C 93      9 100.0   20 14  US-10-131-685-15      Sequence 15, Appl
C 94      9 100.0   20 14  US-10-067-514-32      Sequence 32, Appl
C 95      9 100.0   20 17  US-10-160-807-128      Sequence 128, App
C 96      9 100.0   20 17  US-10-160-807-266      Sequence 266, App
C 97      9 100.0   20 17  US-10-349-143-6551      Sequence 6551, App
C 98      9 100.0   20 17  US-10-419-723-32      Sequence 32, Appl
C 99      9 100.0   20 17  US-10-345-444B-101      Sequence 101, App
100      9 100.0   20 17  US-10-345-444B-102      Sequence 102, App
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ALIGNMENTS

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RESULT 1
US-10-122-630-1
; Sequence 1, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122.630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-1
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Query Match      100.0%; Score 9; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.9e+08;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      1 GAGTATGAG 9
      |||||
Db      1 GAGTATGAG 9
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RESULT 2
US-10-122-633-1
; Sequence 1, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
```

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; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122.633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-1
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```
Query Match      100.0%; Score 9; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.9e+08;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      1 GAGTATGAG 9
      |||||
Db      1 GAGTATGAG 9
```

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RESULT 3
US-10-818-158-2/c
; Sequence 2, Application US/10818158
; Publication No. US20050020526A1
; GENERAL INFORMATION:
; APPLICANT: TAN, XIN XING
; TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDE INTERVENTION FOR PREVENTION AND
; TITLE OF INVENTION: TREATMENT OF SEPSIS
; FILE REFERENCE: CHYA,025-C-CIP
; CURRENT APPLICATION NUMBER: US/10/818,158
; CURRENT FILING DATE: 2004-04-05
; PRIOR APPLICATION NUMBER: 10/743,956
; PRIOR FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 10/453,410
; PRIOR FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn ver. 3.2
; SEQ ID NO 2
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-818-158-2
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Query Match      100.0%; Score 9; DB 21; Length 10;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy      1 GAGTATGAG 9
      |||||
Db      9 GAGTATGAG 1
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RESULT 4
US-10-150-779A-15/c
; Sequence 15, Application US/10150779A
; Publication No. US20030125241A1
; GENERAL INFORMATION:
; APPLICANT: WISSENBACH, MARGIT
; APPLICANT: KOCH, TROELS
```

```
; APPLICANT: ORUM, HENRICK
; APPLICANT: HANSEN, BO
; TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN
; TITLE OF INVENTION: INFECTIOUS DISEASES
; FILE REFERENCE: 55704 (45120)
; CURRENT APPLICATION NUMBER: US/10/150,779A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: 60/291,830
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-150-779A-15

Query Match      100.0%; Score 9; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GAGTATGAG 9
Db      12 GAGTATGAG 4

RESULT 5
US-10-150-779A-16/c
; Sequence 16, Application US/10150779A
; Publication No. US20030125241A1
; GENERAL INFORMATION:
; APPLICANT: WISSENBACH, MARGIT
; APPLICANT: KOCH, TROELS
; APPLICANT: ORUM, HENRICK
; APPLICANT: HANSEN, BO
; TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN
; TITLE OF INVENTION: INFECTIOUS DISEASES
; FILE REFERENCE: 55704 (45120)
; CURRENT APPLICATION NUMBER: US/10/150,779A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: 60/291,830
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: DNA oligonucleotide with phosphorothioate backbone
US-10-150-779A-16

Query Match      100.0%; Score 9; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GAGTATGAG 9
Db      12 GAGTATGAG 4

RESULT 6
US-10-257-017B-305165
; Sequence 305165, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
```

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; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 305165
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0021329
US-10-257-017B-305165

Query Match      100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GAGTATGAG 9
Db      1 GAGTATGAG 9

RESULT 7
US-10-257-017B-306811
; Sequence 306811, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306811
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022179
US-10-257-017B-306811

Query Match      100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GAGTATGAG 9
Db      3 GAGTATGAG 11

RESULT 8
US-10-257-017B-306812
; Sequence 306812, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
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; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306812
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022179
US-10-257-017B-306812

Query Match 100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
| | | | | | | |
Db 3 GAGTATGAG 11

RESULT 9
US-10-257-017B-321106
; Sequence 321106, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 321106
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0030074
US-10-257-017B-321106

Query Match 100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
| | | | | | | |
Db 2 GAGTATGAG 10

RESULT 10
US-10-257-017B-326072
; Sequence 326072, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 326072
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0032886
US-10-257-017B-326072

US-10-257-017B-326072

Query Match 100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
| | | | | | | |
Db 4 GAGTATGAG 12

RESULT 11
US-10-257-017B-347990/c
; Sequence 347990, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 347990
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0045390
US-10-257-017B-347990

Query Match 100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
| | | | | | | |
Db 10 GAGTATGAG 2

RESULT 12
US-10-257-017B-30005
; Sequence 30005, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 30005
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0009039
US-10-257-017B-30005

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9

Db |||||
 4 GAGTATGAG 12

RESULT 13

US-10-257-017B-30006/c
; Sequence 30006, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 30006
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0009039
US-10-257-017B-30006

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
 |||||
Db 10 GAGTATGAG 2

RESULT 14

US-10-257-017B-37157
; Sequence 37157, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37157
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011603
US-10-257-017B-37157

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
 |||||
Db 3 GAGTATGAG 11

RESULT 15

US-10-257-017B-37158/c
; Sequence 37158, Application US/10257017B

; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37158
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011603
US-10-257-017B-37158

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
 |||||
Db 11 GAGTATGAG 3

RESULT 16

US-10-257-017B-41315
; Sequence 41315, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 41315
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012414
US-10-257-017B-41315

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
 |||||
Db 5 GAGTATGAG 13

RESULT 17

US-10-257-017B-41316/c
; Sequence 41316, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 41316
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012414
US-10-257-017B-41316

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
 |||||
Db 3 GAGTATGAG 11

; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 41316
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012414
US-10-257-017B-41316

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 9 GAGTATGAG 1

RESULT 18
US-10-257-017B-48109
; Sequence 48109, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 48109
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0013750
US-10-257-017B-48109

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 5 GAGTATGAG 13

RESULT 19
US-10-257-017B-48110/c
; Sequence 48110, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 48110

; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0013750
US-10-257-017B-48110

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 9 GAGTATGAG 1

RESULT 20
US-10-257-017B-51877
; Sequence 51877, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 51877
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014452
US-10-257-017B-51877

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 3 GAGTATGAG 11

RESULT 21
US-10-257-017B-51878/c
; Sequence 51878, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 51878
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014452
US-10-257-017B-51878

```
Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 11 GAGTATGAG 3

RESULT 22
US-10-257-017B-51881
; Sequence 51881, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 51881
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014452
US-10-257-017B-51881

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 3 GAGTATGAG 11

RESULT 23
US-10-257-017B-51882/c
; Sequence 51882, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 51882
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014452
US-10-257-017B-51882

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 11 GAGTATGAG 3
```

```
RESULT 24
US-10-257-017B-78847
; Sequence 78847, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 78847
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0020072
US-10-257-017B-78847

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 1 GAGTATGAG 9

RESULT 25
US-10-257-017B-78848/c
; Sequence 78848, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 78848
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0020072
US-10-257-017B-78848

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 13 GAGTATGAG 5

RESULT 26
US-10-257-017B-99307
; Sequence 99307, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 99307
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0024674
US-10-257-017B-99307

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 3 GAGTATGAG 11

RESULT 27
US-10-257-017B-99308/c
; Sequence 99308, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 99308
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0024674
US-10-257-017B-99308

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 11 GAGTATGAG 3

RESULT 28
US-10-257-017B-109005
; Sequence 109005, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
```

```
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 109005
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0027285
US-10-257-017B-109005

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 2 GAGTATGAG 10

RESULT 29
US-10-257-017B-109006/c
; Sequence 109006, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 109006
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0027285
US-10-257-017B-109006

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 12 GAGTATGAG 4

RESULT 30
US-10-257-017B-115707
; Sequence 115707, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 115707
; LENGTH: 13
; TYPE: DNA
```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029004
US-10-257-017B-115707

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
| | | | | | | |
Db 3 GAGTATGAG 11

RESULT 31

US-10-257-017B-115708/c
; Sequence 115708, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 115708
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029004
US-10-257-017B-115708

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
| | | | | | | |
Db 11 GAGTATGAG 3

RESULT 32

US-10-257-017B-117597
; Sequence 117597, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 117597
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029403
US-10-257-017B-117597

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GAGTATGAG 9
| | | | | | | |
Db 5 GAGTATGAG 13

RESULT 33

US-10-257-017B-117598/c
; Sequence 117598, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 117598
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029403
US-10-257-017B-117598

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
| | | | | | | |
Db 9 GAGTATGAG 1

RESULT 34

US-10-257-017B-120569
; Sequence 120569, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120569
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030082
US-10-257-017B-120569

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
| | | | | | | |
Db 1 GAGTATGAG 9

```
RESULT 35
US-10-257-017B-120570/c
; Sequence 120570, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120570
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030082
US-10-257-017B-120570

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 13 GAGTATGAG 5

RESULT 36
US-10-257-017B-120573
; Sequence 120573, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120573
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030082
US-10-257-017B-120573

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 13 GAGTATGAG 5

RESULT 37
US-10-257-017B-120574/c
; Sequence 120574, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120574
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030082
US-10-257-017B-120574
```

```
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120574
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030082
US-10-257-017B-120574

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 13 GAGTATGAG 5

RESULT 38
US-10-257-017B-148813
; Sequence 148813, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 148813
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0037562
US-10-257-017B-148813

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 3 GAGTATGAG 11

RESULT 39
US-10-257-017B-148814/c
; Sequence 148814, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 148814
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0037562
US-10-257-017B-148814
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; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 148814
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0037562
US-10-257-017B-148814

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Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 GAGTATGAG 9
DB      11 GAGTATGAG 3

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RESULT 40
US-10-257-017B-156043
; Sequence 156043, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 156043
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0039372
US-10-257-017B-156043

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Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 GAGTATGAG 9
DB      4 GAGTATGAG 12

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Search completed: July 13, 2005, 04:11:08
Job time : 256.392 secs

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: July 12, 2005, 18:12:19 ; Search time 169.595 Seconds
(without alignments)
222.117 Million cell updates/sec

Title: US-09-540-843-11

Perfect score: 6

Sequence: 1 ttaggg 6

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 6330945 seqs, 3139162390 residues

Total number of hits satisfying chosen parameters: 7146590

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Published Applications NA:*

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- 2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
- 4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
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- 6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq:*
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- 8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
- 9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq:*
- 10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq:*
- 11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq:*
- 12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
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- 18: /cgn2_6/ptodata/2/pubpna/US10F_PUBCOMB.seq:*
- 19: /cgn2_6/ptodata/2/pubpna/US10G_PUBCOMB.seq:*
- 20: /cgn2_6/ptodata/2/pubpna/US10H_PUBCOMB.seq:*
- 21: /cgn2_6/ptodata/2/pubpna/US10I_PUBCOMB.seq:*
- 22: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
- 23: /cgn2_6/ptodata/2/pubpna/US11A_PUBCOMB.seq:*
- 24: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*
- 25: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
- 26: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	6	100.0	6	9	US-09-817-387-29
2	6	100.0	6	9	US-09-735-363A-49
3	6	100.0	6	9	US-09-907-279-2
4	6	100.0	6	9	US-09-730-893-1
5	6	100.0	6	10	US-09-940-173A-1
6	6	100.0	6	14	US-10-122-630-11
7	6	100.0	6	14	US-10-122-630-12
C	7				
					Sequence 29, Appl
					Sequence 49, Appl
					Sequence 2, Appl
					Sequence 1, Appl
					Sequence 1, Appl
					Sequence 11, Appl
					Sequence 12, Appl

6	100.0	6	14	US-10-122-633-11	Sequence 11, Appl
6	100.0	6	14	US-10-122-633-12	Sequence 12, Appl
6	100.0	6	15	US-10-255-535-8	Sequence 8, Appl
6	100.0	6	15	US-10-336-265-1	Sequence 1, Appl
6	100.0	6	15	US-10-336-265-3	Sequence 3, Appl
6	100.0	6	15	US-10-336-265-4	Sequence 4, Appl
6	100.0	6	15	US-10-336-265-63	Sequence 63, Appl
6	100.0	6	15	US-10-336-265-64	Sequence 64, Appl
6	100.0	6	16	US-10-232-927A-9	Sequence 9, Appl
6	100.0	6	16	US-10-232-927A-27	Sequence 27, Appl
6	100.0	6	17	US-10-382-754B-3	Sequence 3, Appl
6	100.0	6	17	US-10-355-388-3	Sequence 3, Appl
6	100.0	6	19	US-10-181-823-13	Sequence 13, Appl
6	100.0	6	19	US-10-705-531-15	Sequence 15, Appl
6	100.0	6	19	US-10-705-531-16	Sequence 16, Appl
6	100.0	6	20	US-10-752-123-1	Sequence 1, Appl
6	100.0	6	20	US-10-775-818-1	Sequence 7, Appl
6	100.0	6	21	US-10-862-698-7	Sequence 1, Appl
6	100.0	6	21	US-10-866-392-1	Sequence 1, Appl
7	9	9	9	US-09-730-893-6	Sequence 6, Appl
7	10	10	10	US-09-940-173A-6	Sequence 6, Appl
7	10	10	7	US-10-775-818-6	Sequence 6, Appl
8	9	9	8	US-09-730-893-4	Sequence 4, Appl
8	10	10	8	US-09-940-173A-4	Sequence 4, Appl
8	15	15	8	US-10-336-265-58	Sequence 58, Appl
8	20	20	8	US-10-775-818-4	Sequence 4, Appl
9	9	9	9	US-09-728-574-19	Sequence 19, Appl
10	13	13	10	US-10-033-145-56	Sequence 56, Appl
10	13	13	10	US-10-033-145-613	Sequence 358, App
10	13	13	10	US-10-033-145-613	Sequence 613, App
10	14	14	10	US-10-044-692-294	Sequence 294, App
10	15	15	10	US-10-044-539-294	Sequence 294, App
10	16	16	10	US-10-390-045-41	Sequence 41, Appl
10	16	16	10	US-10-330-627-92	Sequence 92, Appl
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10	16	16	10	US-10-330-627-1439	Sequence 1439, Ap
10	17	17	10	US-10-325-810-527	Sequence 527, App
10	18	18	10	US-10-434-479-41	Sequence 41, Appl
10	19	19	10	US-10-816-079-38	Sequence 38, Appl
10	20	20	10	US-10-877-124-527	Sequence 527, App
10	20	20	10	US-10-877-022-527	Sequence 527, App
10	21	21	10	US-10-877-146-527	Sequence 527, App
10	21	21	10	US-10-489-183-10	Sequence 10, Appl
11	9	9	9	US-09-828-211A-4	Sequence 4, Appl
11	9	9	9	US-09-057-351-2	Sequence 2, Appl
11	10	10	10	US-09-835-370-63	Sequence 63, Appl
11	10	10	10	US-09-949-155-57	Sequence 57, Appl
11	10	10	10	US-09-942-310-7	Sequence 7, Appl
11	10	10	10	US-09-942-310-44	Sequence 44, Appl
11	14	14	10	US-10-122-630-5	Sequence 5, Appl
11	14	14	10	US-10-122-630-9	Sequence 9, Appl
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11	16	16	10	US-10-359-935-2	Sequence 2, Appl
11	17	17	10	US-10-463-076-1	Sequence 1, Appl
11	17	17	10	US-10-314-322-57	Sequence 57, Appl
11	17	17	10	US-10-314-322-271	Sequence 271, App
11	18	18	10	US-10-297-058-20	Sequence 20, Appl
11	19	19	10	US-10-181-823-16	Sequence 16, Appl
11	19	19	10	US-10-181-823-20	Sequence 20, Appl
11	19	19	10	US-10-450-797-1287	Sequence 1287, Ap
11	20	20	10	US-10-863-999-63	Sequence 63, Appl
11	21	21	10	US-10-831-266-1	Sequence 1, Appl
11	21	21	10	US-10-831-267-1	Sequence 1, Appl
11	21	21	10	US-10-967-755-1	Sequence 1, Appl
11	21	21	10	US-10-901-425-704	Sequence 704, App
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c 82 6 100.0 12 8 US-08-463-404-3 Sequence 3, Appli
c 83 6 100.0 12 8 US-08-463-404-7 Sequence 7, Appli
c 84 6 100.0 12 9 US-09-057-351-39 Sequence 39, Appli
c 85 6 100.0 12 9 US-09-968-355-1 Sequence 1, Appli
c 86 6 100.0 12 9 US-09-375-924C-6 Sequence 6, Appli
c 87 6 100.0 12 10 US-09-984-664-11 Sequence 11, Appli
c 88 6 100.0 12 14 US-10-132-002-1 Sequence 1, Appli
c 89 6 100.0 12 14 US-10-132-002-3 Sequence 3, Appli
c 90 6 100.0 12 14 US-10-073-118-18 Sequence 18, Appli
c 91 6 100.0 12 14 US-10-117-108A-41 Sequence 41, Appli
c 92 6 100.0 12 14 US-10-117-108A-53 Sequence 53, Appli
c 93 6 100.0 12 16 US-10-359-935-39 Sequence 39, Appli
c 94 6 100.0 12 16 US-10-323-032-2 Sequence 2, Appli
c 95 6 100.0 12 16 US-10-323-032-3 Sequence 3, Appli
c 96 6 100.0 12 16 US-10-232-927A-18 Sequence 18, Appli
c 97 6 100.0 12 16 US-10-232-927A-19 Sequence 19, Appli
c 98 6 100.0 12 16 US-10-232-927A-26 Sequence 26, Appli
c 99 6 100.0 12 19 US-10-682-130-4 Sequence 4, Appli
c 100 6 100.0 12 19 US-10-600-581-11 Sequence 11, Appli

ALIGNMENTS

RESULT 1
US-09-817-387-29
; Sequence 29, Application US/09817387
; Patent No. US20010039263A1
; GENERAL INFORMATION:
; APPLICANT: Max-Delbruck-Centrum fur Molekulare Medizin
; TITLE OF INVENTION: Chimeric Oligonucleotides and the Use Thereof
; FILE REFERENCE: 101195-24
; CURRENT APPLICATION NUMBER: US/09/817,387
; CURRENT FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: DE 197 20 151.2
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: telomeric
; OTHER INFORMATION: DNA of man
US-09-817-387-29

Query Match 100.0%; Score 6; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
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Db 1 TTAGGG 6

RESULT 2
US-09-735-363A-49
; Sequence 49, Application US/09735363A
; Patent No. US20010041681A1
; GENERAL INFORMATION:
; APPLICANT: Fillion, Mario
; APPLICANT: Phillip, Nigel
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
; FILE REFERENCE: 02811-0181
; CURRENT APPLICATION NUMBER: US/09/735.363A
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/170,325
; PRIOR FILING DATE: 1999-12-13
; PRIOR APPLICATION NUMBER: 60/228,925
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 87

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 49
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-49
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Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
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Db 1 TTAGGG 6

RESULT 3
US-09-907-279-2
; Sequence 2, Application US/09907279
; Publication No. US20020068296A1
; GENERAL INFORMATION:
; APPLICANT: Heller, Adam
; TITLE OF INVENTION: CATHODIC PROTECTION OF NUCLEIC ACID SEQUENCES
; FILE REFERENCE: 11154.41USUI
; CURRENT APPLICATION NUMBER: US/09/907,279
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: US 60/218,959
; PRIOR FILING DATE: 2000-07-17
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: artificial oligonucleotide sequence
US-09-907-279-2

Query Match 100.0%; Score 6; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
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Db 1 TTAGGG 6

RESULT 4
US-09-730-893-1
; Sequence 1, Application US/09730893
; Patent No. US20020107258A1
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: UTSB:679USC1
; CURRENT APPLICATION NUMBER: US/09/730,893
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 05/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-730-893-1

Query Match 100.0%; Score 6; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 TTAGGG 6

RESULT 5

US-09-940-173A-1

; Sequence 1, Application US/09940173A
; Publication No. US20030040525A1
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE OF INVENTION: G-QUADRUPLEX-INTERACTION COMPOUND
; FILE REFERENCE: UTSB:679USD2
; CURRENT APPLICATION NUMBER: US/09/940,173A
; CURRENT FILING DATE: 2002-06-24
; PRIOR FILING DATE: 09/730,893
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1993-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-940-173A-1

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Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 TTAGGG 6

RESULT 6

US-10-122-630-11

; Sequence 11, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1995-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-11

Query Match 100.0%; Score 6; DB 14; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
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Db 1 TTAGGG 6

RESULT 7

US-10-122-630-12/c

; Sequence 12, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-12

Query Match 100.0%; Score 6; DB 14; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
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Db 6 TTAGGG 1

RESULT 8

US-10-122-633-11

; Sequence 11, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina

; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-11

Query Match 100.0%; Score 6; DB 14; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
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Db 1 TTAGGG 6

RESULT 9
US-10-122-633-12/c
; Sequence 12, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-12

Query Match 100.0%; Score 6; DB 14; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
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Db 6 TTAGGG 1

RESULT 10
US-10-255-535-8
; Sequence 8, Application US/10255535
; Publication No. US20030138814A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Graynov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Tolman, Richard L.

; APPLICANT: Morin, Gregg B.
; TITLE OF INVENTION: Oligonucleotide Conjugates
; FILE REFERENCE: 072/002P
; CURRENT APPLICATION NUMBER: US/10/255,535
; CURRENT FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: PCT/US02/09138
; PRIOR FILING DATE: 2002-03-21
; PRIOR APPLICATION NUMBER: US 60/278,322
; PRIOR FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-255-535-8

Query Match 100.0%; Score 6; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
|||||
Db 1 TTAGGG 6

RESULT 11
US-10-336-265-1
; Sequence 1, Application US/10336265
; Publication No. US20030148988A1
; GENERAL INFORMATION:
; APPLICANT: Kool, Eric T.
; TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for
; FILE OF INVENTION: the Elongation of Telomere Repeats
; FILE REFERENCE: 12665.0021.NPUS01
; CURRENT APPLICATION NUMBER: US/10/336,265
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/345,056
; PRIOR FILING DATE: 2002-01-04
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-336-265-1

Query Match 100.0%; Score 6; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
|||||
Db 1 TTAGGG 6

RESULT 12
US-10-336-265-3/c
; Sequence 3, Application US/10336265
; Publication No. US20030148988A1
; GENERAL INFORMATION:
; APPLICANT: Kool, Eric T.
; TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for
; FILE OF INVENTION: the Elongation of Telomere Repeats
; FILE REFERENCE: 12665.0021.NPUS01
; CURRENT APPLICATION NUMBER: US/10/336,265
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/345,056
; PRIOR FILING DATE: 2002-01-04
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.2

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; SEQ ID NO 3
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-336-265-3

Query Match      100.0%; Score 6; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 6 TTAGGG 1

RESULT 13
US-10-336-265-4/c
; Sequence 4, Application US/10336265
; Publication No. US20030148988A1
; GENERAL INFORMATION:
; APPLICANT: Kool, Eric T.
; TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for
; FILE OF INVENTION: the Elongation of Telomere Repeats
; FILE REFERENCE: 12665.0021.NPUS01
; CURRENT APPLICATION NUMBER: US/10/336,265
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/345,056
; PRIOR FILING DATE: 2002-01-04
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 6
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-336-265-4

Query Match      100.0%; Score 6; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 6 TTAGGG 1

RESULT 14
US-10-336-265-63
; Sequence 63, Application US/10336265
; Publication No. US20030148988A1
; GENERAL INFORMATION:
; APPLICANT: Kool, Eric T.
; TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for
; FILE OF INVENTION: the Elongation of Telomere Repeats
; FILE REFERENCE: 12665.0021.NPUS01
; CURRENT APPLICATION NUMBER: US/10/336,265
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/345,056
; PRIOR FILING DATE: 2002-01-04
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 63
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-336-265-63

Query Match      100.0%; Score 6; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6
```

```
RESULT 15
US-10-336-265-64
; Sequence 64, Application US/10336265
; Publication No. US20030148988A1
; GENERAL INFORMATION:
; APPLICANT: Kool, Eric T.
; TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for
; FILE OF INVENTION: the Elongation of Telomere Repeats
; FILE REFERENCE: 12665.0021.NPUS01
; CURRENT APPLICATION NUMBER: US/10/336,265
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/345,056
; PRIOR FILING DATE: 2002-01-04
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 64
; LENGTH: 6
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-336-265-64

Query Match      100.0%; Score 6; DB 15; Length 6;
Best Local Similarity 66.7%; Pred. No. 1e+09;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 UUAGGG 6

RESULT 16
US-10-232-927A-9
; Sequence 9, Application US/10232927A
; Publication No. US20030190638A1
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Meeachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927A
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
```

; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-232-927A-9

Query Match 100.0%; Score 6; DB 16; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 17
US-10-232-927A-27/c
; Sequence 27, Application US/10232927A
; Publication No. US20030190638A1
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Mceachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232, 927A
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378, 535
; FILING DATE: 20-Aug-1999
; APPLICATION NUMBER: 08/819, 867
; FILING DATE: <unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.

; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-10-232-927A-27

Query Match 100.0%; Score 6; DB 16; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 6 TTAGGG 1

RESULT 18
US-10-382-754B-3
; Sequence 3, Application US/10382754B
; Publication No. US2004009933A1
; GENERAL INFORMATION:
; APPLICANT: Glen Research Corp. and Berry & Associates, Inc.
; TITLE OF INVENTION: Fluorescent Nitrogenous Base and Nucleosides Incorporating Same
; FILE REFERENCE: 005416.00008
; CURRENT APPLICATION NUMBER: US/10/382,754B
; CURRENT FILING DATE: 2003-03-06
; PRIOR APPLICATION NUMBER: 60/362,448
; PRIOR FILING DATE: 2002-03-08
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-382-754B-3

Query Match 100.0%; Score 6; DB 17; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 19
US-10-355-388-3
; Sequence 3, Application US/10355388
; Publication No. US20040013662A1
; GENERAL INFORMATION:
; APPLICANT: Porter, Thomas R.
; APPLICANT: Iversen, Patrick L.
; TITLE OF INVENTION: Microbubble compositions and methods for oligonucleotide delivery
; FILE REFERENCE: 50450-8302.US02
; CURRENT APPLICATION NUMBER: US/10/355,388
; CURRENT FILING DATE: 2003-01-31
; PRIOR APPLICATION NUMBER: US 09/591,380
; PRIOR FILING DATE: 2000-06-09
; PRIOR APPLICATION NUMBER: US 09/118,168
; PRIOR FILING DATE: 1998-07-17
; PRIOR APPLICATION NUMBER: US 08/670,999
; PRIOR FILING DATE: 1996-06-28
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3

```
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: human telomere sequence
US-10-355-388-3

Query Match      100.0%; Score 6; DB 17; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TTAGGG 6
        |||||
DB      1 TTAGGG 6

RESULT 20
US-10-181-823-13
; Sequence 13, Application US/10181823
; Publication No. US20040126752A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Schultz, Ronald G
; TITLE OF INVENTION: 2'-Arabino-Fluoroligonucleotide N3'--->P5' Phosphoramidates: Their
; TITLE OF INVENTION: Synthesis and Use
; FILE REFERENCE: 049/002
; CURRENT APPLICATION NUMBER: US/10/181,823
; CURRENT FILING DATE: 2003-12-29
; PRIOR APPLICATION NUMBER: PCT/US01/01918
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 13
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-181-823-13

Query Match      100.0%; Score 6; DB 19; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TTAGGG 6
        |||||
DB      1 TTAGGG 6

RESULT 21
US-10-705-531-15
; Sequence 15, Application US/10705531
; Publication No. US20040142357A1
; GENERAL INFORMATION:
; APPLICANT: Beth Israel Deaconess Medical Center
; TITLE OF INVENTION: Novel Telomerase Inhibitors And Uses Therefor
; FILE REFERENCE: 2312/2008
; CURRENT APPLICATION NUMBER: US/10/705,531
; CURRENT FILING DATE: 2003-11-10
; PRIOR APPLICATION NUMBER: US 60/290,363
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
; NAME/KEY: misc feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: Synthetic sequence
US-10-705-531-15
```

```
Query Match      100.0%; Score 6; DB 19; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TTAGGG 6
        |||||
DB      1 TTAGGG 6

RESULT 22
US-10-705-531-16
; Sequence 16, Application US/10705531
; Publication No. US20040142357A1
; GENERAL INFORMATION:
; APPLICANT: Beth Israel Deaconess Medical Center
; TITLE OF INVENTION: Novel Telomerase Inhibitors And Uses Therefor
; FILE REFERENCE: 2312/2008
; CURRENT APPLICATION NUMBER: US/10/705,531
; CURRENT FILING DATE: 2003-11-10
; PRIOR APPLICATION NUMBER: US 60/290,363
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic probe
; NAME/KEY: misc feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: Synthetic probe
US-10-705-531-16

Query Match      100.0%; Score 6; DB 19; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TTAGGG 6
        |||||
DB      1 TTAGGG 6

RESULT 23
US-10-752-123-1
; Sequence 1, Application US/10752123
; Publication No. US20040185477A1
; GENERAL INFORMATION:
; APPLICANT: Sention Inc.
; TITLE OF INVENTION: METHODS OF DETECTING DIFFERENCES IN GENOMIC SEQUENCE
; FILE REFERENCE: 19781/2052
; CURRENT APPLICATION NUMBER: US/10/752,123
; CURRENT FILING DATE: 2004-01-06
; PRIOR APPLICATION NUMBER: US 60/439,122
; PRIOR FILING DATE: 2003-01-10
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: Conserved telomeric repeat unit
US-10-752-123-1

Query Match      100.0%; Score 6; DB 19; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```



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; PRIOR FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: GB 0127564.3
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-866-392-1

Query Match      100.0%; Score 6; DB 21; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+09;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 27
US-09-730-893-6
; Sequence 6, Application US/09730893
; Patent No. US20020107258A1
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: UTSB:679USC1
; CURRENT APPLICATION NUMBER: US/09/730,893
; CURRENT FILING DATE: 2000-12-05
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-730-893-6

Query Match      100.0%; Score 6; DB 9; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 28
US-09-940-173A-6
; Sequence 6, Application US/09940173A
; Publication No. US20030040525A1
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: UTSB:679USD2
; CURRENT APPLICATION NUMBER: US/09/940,173A
; CURRENT FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: 09/730,893

; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-775-818-6

Query Match      100.0%; Score 6; DB 20; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 29
US-10-775-818-6
; Sequence 6, Application US/10775818
; Publication No. US20040229894A1
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: UTSB:679USC2
; CURRENT APPLICATION NUMBER: US/10/775,818
; CURRENT FILING DATE: 2004-02-10
; PRIOR FILING DATE: 09/730,893
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-775-818-6

Query Match      100.0%; Score 6; DB 20; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 30
US-09-730-893-4
; Sequence 4, Application US/09730893
; Patent No. US20020107258A1
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
```

; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: G-QUADRUPLIX-INTERACTION COMPOUND
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US/09/730,893
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-730-893-4

Query Match 100.0%; Score 6; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 31
US-09-940-173A-4
; Sequence 4, Application US/09940173A
; Publication No. US20030040525A1
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: G-QUADRUPLIX-INTERACTION COMPOUND
; CURRENT FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: 09/730,893
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1999-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-940-173A-4

Query Match 100.0%; Score 6; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 32
US-10-336-265-58
; Sequence 58, Application US/10336265

; Publication No. US20030149988A1
; GENERAL INFORMATION:
; APPLICANT: KOOL, ERIC T.
; TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for
; FILE REFERENCE: 12665-0021.NPUS01
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US/10/336,265
; PRIOR FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/345,056
; PRIOR FILING DATE: 2002-01-04
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 58
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Chlamydomonas reinhardtii
US-10-336-265-58

Query Match 100.0%; Score 6; DB 15; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 3 TTAGGG 8

RESULT 33
US-10-775-818-4
; Sequence 4, Application US/10775818
; Publication No. US20040229894A1
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: G-QUADRUPLIX-INTERACTION COMPOUND
; CURRENT FILING DATE: 2004-02-10
; PRIOR APPLICATION NUMBER: 09/730,893
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-10-775-818-4

Query Match 100.0%; Score 6; DB 20; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 34
US-09-728-574-19/c
; Sequence 19, Application US/09728574
; Patent No. US20020137036A1
; GENERAL INFORMATION:
; APPLICANT: Stratagene

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; TITLE OF INVENTION: Methods for Detection of a Target Nucleic Acid By Capture
; FILE REFERENCE: 25436/1660
; CURRENT APPLICATION NUMBER: US/09/728,574
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 09/728574
; PRIOR FILING DATE: 2000-11-30
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Drosophila sp.
; FEATURE:
; NAME/KEY: bicoid DNA binding site
; LOCATION: (1)..(9)
;
US-09-728-574-19

Query Match          100.0%; Score 6; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 6.8e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 6 TTAGGG 1

RESULT 35
US-10-033-145-56
; Sequence 56, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 56
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-10-033-145-56

Query Match          100.0%; Score 6; DB 13; Length 10;
Best Local Similarity 100.0%; Pred. No. 6.6e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 3 TTAGGG 8

RESULT 36
US-10-033-145-358
; Sequence 358, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
;
US-10-033-145-358

Query Match          100.0%; Score 6; DB 13; Length 10;
Best Local Similarity 100.0%; Pred. No. 6.6e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 3 TTAGGG 8

RESULT 37
US-10-033-145-613
; Sequence 613, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 613
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-10-033-145-613

Query Match          100.0%; Score 6; DB 13; Length 10;
Best Local Similarity 100.0%; Pred. No. 6.6e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 5 TTAGGG 10

RESULT 38
US-10-033-145-1694
; Sequence 1694, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1694
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-10-033-145-1694

Query Match          100.0%; Score 6; DB 13; Length 10;
Best Local Similarity 100.0%; Pred. No. 6.6e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
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; SEQ ID NO 358
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-10-033-145-358

Query Match          100.0%; Score 6; DB 13; Length 10;
Best Local Similarity 100.0%; Pred. No. 6.6e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 5 TTAGGG 10

RESULT 37
US-10-033-145-613
; Sequence 613, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 613
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-10-033-145-613

Query Match          100.0%; Score 6; DB 13; Length 10;
Best Local Similarity 100.0%; Pred. No. 6.6e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 2 TTAGGG 7

RESULT 38
US-10-033-145-1694
; Sequence 1694, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1694
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-10-033-145-1694

Query Match          100.0%; Score 6; DB 13; Length 10;
Best Local Similarity 100.0%; Pred. No. 6.6e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
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DB 4 TTAGGG 9

|||||

RESULT 39

US-10-044-692-294
; Sequence 294, Application US/10044692
; Publication No. US20030096344A1

GENERAL INFORMATION:

APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.

TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
THERAPEUTIC METHODS

NUMBER OF SEQUENCES: 335

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/044,692

FILING DATE: 11-Jan-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/912,951

FILING DATE: <Unknown>

APPLICATION NUMBER: US 08/854,050

FILING DATE: 09-MAY-1997

APPLICATION NUMBER: US 08/851,843

FILING DATE: 06-MAY-1997

APPLICATION NUMBER: US 08/846,017

FILING DATE: 25-APR-1997

APPLICATION NUMBER: US 08/844,419

FILING DATE: 18-APR-1997

APPLICATION NUMBER: US 08/724,643

FILING DATE: 01-OCT-1996

ATTORNEY/AGENT INFORMATION:

NAME: Apple, Randolph T.

REGISTRATION NUMBER: 36,429

REFERENCE/DOCKET NUMBER: 015389-002600US

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 294:

SEQUENCE CHARACTERISTICS:

LENGTH: 10 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 294:

US-10-044-692-294

Query Match

Best Local Similarity 100.0%; Score 6; DB 14; Length 10;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6

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Db 1 TTAGGG 6

Search completed: July 13, 2005, 04:11:27

Job time : 171.595 secs

RESULT 40

US-10-044-539-294

; Sequence 294, Application US/10044539

; Publication No. US20030100093A1

GENERAL INFORMATION:

APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.

TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
THERAPEUTIC METHODS

NUMBER OF SEQUENCES: 335

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/044,539

FILING DATE: 11-Jan-2002

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/912,951

FILING DATE: <Unknown>

APPLICATION NUMBER: US 08/854,050

FILING DATE: 09-MAY-1997

APPLICATION NUMBER: US 08/851,843

FILING DATE: 06-MAY-1997

APPLICATION NUMBER: US 08/846,017

FILING DATE: 25-APR-1997

APPLICATION NUMBER: US 08/844,419

FILING DATE: 18-APR-1997

APPLICATION NUMBER: US 08/724,643

FILING DATE: 01-OCT-1996

ATTORNEY/AGENT INFORMATION:

NAME: Apple, Randolph T.

REGISTRATION NUMBER: 36,429

REFERENCE/DOCKET NUMBER: 015389-002600US

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 294:

SEQUENCE CHARACTERISTICS:

LENGTH: 10 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 294:

US-10-044-539-294

Query Match

Best Local Similarity 100.0%; Score 6; DB 15; Length 10;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6

|||||

Db 1 TTAGGG 6

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: July 12, 2005, 15:44:02 ; Search time 35.3924 Seconds
(without alignments)
277.395 Million cell updates/sec

Title: US-09-540-843-11

Perfect score: 6

Sequence: 1 ttaggg 6

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 1407054

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Issued Patents NA.*

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3: /cgn2_6/ptodata/1/ina/6A_COMB.seq.*

4: /cgn2_6/ptodata/1/ina/6B_COMB.seq.*

5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq.*

6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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C 2	6	100.0	6	1	US-08-381-097A-5
C 3	6	100.0	6	1	US-08-153-051B-4
4	6	100.0	6	1	US-08-337-684-2
C 5	6	100.0	6	2	US-08-151-477A-4
6	6	100.0	6	2	US-08-670-999-3
7	6	100.0	6	3	US-08-729-598-4
8	6	100.0	6	3	US-08-819-867-9
C 9	6	100.0	6	3	US-08-813-867-27
10	6	100.0	6	3	US-08-630-019A-1
11	6	100.0	6	3	US-09-018-545-3
12	6	100.0	6	3	US-09-114-399-3
13	6	100.0	6	4	US-09-608-636A-1
14	6	100.0	6	4	US-09-378-535-9
C 15	6	100.0	6	4	US-09-378-535-27
16	6	100.0	6	4	US-09-940-173A-1
17	6	100.0	6	4	US-09-730-893-1
18	6	100.0	6	4	US-09-042-460-7
19	6	100.0	6	5	PCT-US96-01206-1
20	6	100.0	7	3	US-08-729-598-8
21	6	100.0	7	4	US-09-940-173A-6
22	6	100.0	7	4	US-09-730-893-6
23	6	100.0	8	3	US-08-838-545-15
C 24	6	100.0	8	3	US-08-838-545-30
25	6	100.0	8	3	US-08-838-545-34
26	6	100.0	8	3	US-09-349-532-15
C 27	6	100.0	8	3	US-09-349-532-30

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29	6	100.0	8	4	US-09-940-173A-4	Sequence 4, Appli
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31	6	100.0	9	1	US-08-337-684-3	Sequence 3, Appli
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33	6	100.0	9	3	US-09-069-434-14	Sequence 14, Appli
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35	6	100.0	9	3	US-09-349-532-16	Sequence 16, Appli
36	6	100.0	10	1	US-08-192-300-18	Sequence 18, Appli
37	6	100.0	10	2	US-08-531-743-10	Sequence 10, Appli
38	6	100.0	10	3	US-08-630-019A-8	Sequence 8, Appli
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C 44	6	100.0	10	3	US-08-974-549A-527	Sequence 527, App
45	6	100.0	10	3	US-09-349-532-7	Sequence 7, Appli
C 46	6	100.0	10	3	US-09-349-532-11	Sequence 11, Appli
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C 49	6	100.0	10	3	US-09-349-532-29	Sequence 29, Appli
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C 64	6	100.0	11	3	US-08-630-019A-30	Sequence 30, Appli
65	6	100.0	11	3	US-08-630-019A-39	Sequence 39, Appli
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C 70	6	100.0	11	3	US-08-838-545-31	Sequence 31, Appli
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C 81	6	100.0	11	3	US-08-927-165A-22	Sequence 22, Appli
C 82	6	100.0	11	4	US-09-249-155A-57	Sequence 57, Appli
C 83	6	100.0	11	4	US-09-249-155A-271	Sequence 271, App
C 84	6	100.0	11	4	US-09-057-351-2	Sequence 2, Appli
C 85	6	100.0	11	4	US-09-657-445A-1	Sequence 1, Appli
86	6	100.0	11	4	US-09-835-370-63	Sequence 63, Appli
87	6	100.0	11	4	US-10-463-076-1	Sequence 1, Appli
C 88	6	100.0	12	1	US-08-038-766-2	Sequence 2, Appli
89	6	100.0	12	1	US-08-038-766-3	Sequence 3, Appli
90	6	100.0	12	1	US-08-330-123A-18	Sequence 18, Appli
91	6	100.0	12	1	US-08-381-097A-6	Sequence 6, Appli
C 92	6	100.0	12	1	US-08-153-051B-2	Sequence 2, Appli
93	6	100.0	12	1	US-08-153-051B-3	Sequence 3, Appli
C 94	6	100.0	12	1	US-08-153-051B-7	Sequence 7, Appli
C 95	6	100.0	12	1	US-08-475-778-2	Sequence 2, Appli
96	6	100.0	12	1	US-08-475-778-3	Sequence 3, Appli
97	6	100.0	12	1	US-08-337-684-1	Sequence 1, Appli
C 98	6	100.0	12	1	US-08-337-684-6	Sequence 6, Appli
C 99	6	100.0	12	1	US-08-060-952C-2	Sequence 2, Appli
100	6	100.0	12	1	US-08-060-952C-3	Sequence 3, Appli

ALIGNMENTS

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RESULT 1
US-08-381-097A-3
; Sequence 3, Application US/08381097A
; Patent No. 5643890
; GENERAL INFORMATION:
; APPLICANT: Iverson, Patrick L.
; APPLICANT: Mata, John E.
; TITLE OF INVENTION: Synthetic Oligodeoxyribonucleotides
; TITLE OF INVENTION: Which Mimic Telomeric Sequences for Use in the Treatment
; TITLE OF INVENTION: of Cancer and Other Diseases
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Zarely, McKee, Thomte, Voorhees, & Sease
; STREET: 801 Grand Suite 3200
; CITY: Des Moines
; STATE: Iowa
; COUNTRY: United States
; ZIP: 50309
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/381,097A
; FILING DATE: 31-JAN-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Nebel, Heidi S
; REGISTRATION NUMBER: 37,719
; REFERENCE/DOCKET NUMBER: ummc 63092
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 515-288-3667
; TELEFAX: 515-288-1338
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-381-097A-3

Query Match 100.0%; Score 6; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 2
US-08-381-097A-5/c
; Sequence 5, Application US/08381097A
; Patent No. 5643890
; GENERAL INFORMATION:
; APPLICANT: Iverson, Patrick L.
; APPLICANT: Mata, John E.
; TITLE OF INVENTION: Synthetic Oligodeoxyribonucleotides
; TITLE OF INVENTION: Which Mimic Telomeric Sequences for Use in the Treatment
; TITLE OF INVENTION: of Cancer and Other Diseases
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Zarely, McKee, Thomte, Voorhees, & Sease
; STREET: 801 Grand Suite 3200
```

```
; CITY: Des Moines
; STATE: Iowa
; COUNTRY: United States
; ZIP: 50309
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/381,097A
; FILING DATE: 31-JAN-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Nebel, Heidi S
; REGISTRATION NUMBER: 37,719
; REFERENCE/DOCKET NUMBER: ummc 63092
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 515-288-3667
; TELEFAX: 515-288-1338
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-381-097A-5

Query Match 100.0%; Score 6; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 6 TTAGGG 1

RESULT 3
US-08-153-051B-4/c
; Sequence 4, Application US/08153051B
; Patent No. 5645986
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Jerry W. Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine Strahl
; APPLICANT: Michael J. McEachern
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: CONDITIONS RELATED TO TELOMERE
; TITLE OF INVENTION: LENGTH AND/OR TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
```


;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/153,051B
;; FILING DATE: No. 5645986ember 12, 1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/038,766
;; FILING DATE: March 24, 1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 204/195
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 4:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 6
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-153-051B-4

Query Match 100.0%; Score 6; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 6 TTAGGG 1

RESULT 4
US-08-337-684-2
; Sequence 2, Application US/08337684
; Patent No. 5686306
; GENERAL INFORMATION:
; APPLICANT: West, Michael David
; APPLICANT: Shay, Jerry
; APPLICANT: Wright, Woodring E.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR
; MEASURING TELOMERES
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/337,684
; FILING DATE: No. 5686306ember 10, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/151,477
; FILING DATE: No. 5686306ember 12, 1993
; APPLICATION NUMBER: 08/153,051
; FILING DATE: No. 5686306ember 12, 1993
; APPLICATION NUMBER: 08/060,952
; FILING DATE: May 13, 1993
; APPLICATION NUMBER: 08/038,766
; FILING DATE: March 24, 1993
; APPLICATION NUMBER: 07/882,438
; FILING DATE: May 13, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.

;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 210/085
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 2:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 6 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-337-684-2

Query Match 100.0%; Score 6; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 5
US-08-151-477A-4/C
; Sequence 4, Application US/08151477A
; Patent No. 5830644
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Jerry W. Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine Strahl
; APPLICANT: Michael J. McEachern
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO TELOMERE
; TITLE OF INVENTION: LENGTH AND/OR TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/151,477A
; FILING DATE: No. 5830644ember 12, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/038,766
; FILING DATE: March 24, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 202/189
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-151-477A-4

Query Match      100.0%; Score 6; DB 2; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTAGGG 6
Db      6 TTAGGG 1

RESULT 6
US-08-670-999-3
; Sequence 3, Application US/08670999
; Patent No. 5849727
; GENERAL INFORMATION:
; APPLICANT: Porter, Thomas R.
; TITLE OF INVENTION: Compositions and Methods for Altering
; TITLE OF INVENTION: the Biodistribution of Biological Agents
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Zarley, McKee, Thomte, Voorhees & Sease
; STREET: 801 Grand Suite 3200
; CITY: Des Moines
; STATE: Iowa
; COUNTRY: United States
; ZIP: 50309
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: US/08/670,999
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Nebel, Heidi S.
; REGISTRATION NUMBER: 37,719
; REFERENCE/DOCKET NUMBER: ummc 107A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 515-288-3667
; TELEFAX: 515-288-1338
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-670-999-3

Query Match      100.0%; Score 6; DB 2; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTAGGG 6
Db      1 TTAGGG 6

RESULT 7
US-08-729-598-4
; Sequence 4, Application US/08729598
; Patent No. 6001657
; GENERAL INFORMATION:
; APPLICANT: Hardin, Charles C.
```

```
; APPLICANT: Brown II, Bernard A.
; APPLICANT: Roberts, John J.
; APPLICANT: Pelaez, Stephen A.
; TITLE OF INVENTION: Antibodies That Selectively Bind
; TITLE OF INVENTION: Quadruplex Nucleic Acids
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sorojini J. Biswas
; STREET: P.O. Box 37428
; CITY: Raleigh
; STATE: No. 6001657th Carolina
; COUNTRY: USA
; ZIP: 27627
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 11-OCT-1996
; APPLICATION NUMBER: US/08/729,598
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Biswas, Sorojini J.
; REGISTRATION NUMBER: 39,111
; REFERENCE/DOCKET NUMBER: 5051-301A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 854-1400
; TELEFAX: (919) 854-1401
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
US-08-729-598-4

Query Match      100.0%; Score 6; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTAGGG 6
Db      1 TTAGGG 6

RESULT 8
US-08-819-867-9
; Sequence 9, Application US/08819867
; Patent No. 6007989
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine M. Strahl
; APPLICANT: Michael J. Moeachern
; APPLICANT: Jerry Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth H. Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: CONDITIONS RELATED TO
; TITLE OF INVENTION: TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; STATE: California
```

COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSeq for Windows 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/819,867
 FILING DATE: March 14, 1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/153,051
 FILING DATE: No. 6007989ember 12, 1993
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Chambers, Daniel M.
 REGISTRATION NUMBER: 34,561
 REFERENCE/DOCKET NUMBER: 224/232
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 6 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-819-867-9

Query Match 100.0%; Score 6; DB 3; Length 6;
 Best Local Similarity 100.0%; Pred. No. 2.7e+08;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGG 6
 Db 1 TTAGG 6

RESULT 9
 US-08-819-867-27/c
 Sequence 27, Application US/08819867
 Patent No. 6007989
 GENERAL INFORMATION:
 APPLICANT: Michael D. West
 APPLICANT: Calvin B. Harley
 APPLICANT: Scott L. Weinrich
 APPLICANT: Catherine M. Strahl
 APPLICANT: Michael J. Mceachern
 APPLICANT: Jerry Shay
 APPLICANT: Woodring E. Wright
 APPLICANT: Elizabeth H. Blackburn
 APPLICANT: Nam Woo Kim
 APPLICANT: Homayoun Vaziri
 TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
 TITLE OF INVENTION: CONDITIONS RELATED TO
 TITLE OF INVENTION: TELOMERE LENGTH AND/OR
 TITLE OF INVENTION: TELOMERASE ACTIVITY
 NUMBER OF SEQUENCES: 80
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSeq for Windows 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/819,867
 FILING DATE: March 14, 1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/153,051
 FILING DATE: No. 6007989ember 12, 1993
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Chambers, Daniel M.
 REGISTRATION NUMBER: 34,561
 REFERENCE/DOCKET NUMBER: 224/232
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 27:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 6 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-819-867-27

Query Match 100.0%; Score 6; DB 3; Length 6;
 Best Local Similarity 100.0%; Pred. No. 2.7e+08;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGG 6
 Db 6 TTAGG 1

RESULT 10
 US-08-630-019A-1
 Sequence 1, Application US/08630019A
 Patent No. 6015710
 GENERAL INFORMATION:
 APPLICANT: Shay, Jerry W.
 APPLICANT: Wright, Woodring E.
 APPLICANT: Piatyszek, Mieczyslaw A.
 APPLICANT: Corey, David
 APPLICANT: No. 6015710ton, James C.
 TITLE OF INVENTION: Modulation of Mammalian Telomerase by
 TITLE OF INVENTION: Peptide Nucleic Acids
 NUMBER OF SEQUENCES: 46
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Townsend and Townsend and Crew LLP
 STREET: Two Embarcadero Center, Eighth Floor
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94111-3834
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/630,019A
 FILING DATE: 09-JUN-1996
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: Storella, John R.
 REGISTRATION NUMBER: 32,944
 REFERENCE/DOCKET NUMBER: 015389-001600US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 576-0200
 TELEFAX: (415) 576-0300

; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
US-08-630-019A-1

Query Match 100.0%; Score 6; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
| | | | |
Db 1 TTAGGG 6

RESULT 11
US-09-018-545-3
; Sequence 3, Application US/09018545
; Patent No. 6087493
; GENERAL INFORMATION:
; APPLICANT: Wheelhouse, Richard T.
; APPLICANT: Hurley, Laurence H.
; TITLE OF INVENTION: PORPHYRIN COMPOUNDS AS TELOMERASE
; TITLE OF INVENTION: INHIBITORS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.
; ZIP: 77210

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/018 545
; FILING DATE: Concurrently Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/037,295
; FILING DATE: 05-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Kitchell, Barbara S.
; REGISTRATION NUMBER: 33,928
; REFERENCE/DOCKET NUMBER: US7B:654
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577

; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-018-545-3

Query Match 100.0%; Score 6; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
| | | | |
Db 1 TTAGGG 6

RESULT 12
US-09-114-399-3
; Sequence 3, Application US/09114399
; Patent No. 6245747
; GENERAL INFORMATION:
; APPLICANT: Porter, Thomas R.
; APPLICANT: Iversen, Patrick L.
; APPLICANT: Meyer, Gary D.
; TITLE OF INVENTION: Targeted Site Specific Drug Delivery
; TITLE OF INVENTION: Compositions and Method of Use
; FILE REFERENCE: 0450-0310.31
; CURRENT FILING DATE: US/09/114,399
; CURRENT FILING DATE: 1998-07-13
; PRIOR APPLICATION NUMBER: US 08/615,495
; PRIOR FILING DATE: 1996-03-12
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PS-ODN
US-09-114-399-3

Query Match 100.0%; Score 6; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
| | | | |
Db 1 TTAGGG 6

RESULT 13
US-09-608-636A-1
; Sequence 1, Application US/09608636A
; Patent No. 6518268
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Kyowa Hakko Kogyo Co., Ltd.
; APPLICANT: Chin, Allison C.
; APPLICANT: Holcomb, Ryan C.
; APPLICANT: Platyszek, Mieczyslaw A
; APPLICANT: Singh, Upinder
; APPLICANT: Tolman, Richard L.
; APPLICANT: Akama, Teutomu
; APPLICANT: Kanda, Yutaka
; APPLICANT: Asai, Akira
; APPLICANT: Yamashita, Yoshinori
; APPLICANT: Endo, Kaori
; APPLICANT: Yamaguchi, Hiroyuki
; TITLE OF INVENTION: Telomerase Inhibitors and Methods of Their Use
; FILE REFERENCE: 055/003
; CURRENT APPLICATION NUMBER: US/09/608,636A
; CURRENT FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 60/142,173
; PRIOR FILING DATE: 1999-07-10
; PRIOR APPLICATION NUMBER: JP 11-187616
; PRIOR FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: JP 11-307576
; PRIOR FILING DATE: 1999-10-28
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-09-608-636A-1

; Sequence 1, Application US/09940173A
; Patent No. 6623930
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: G-QUADRUPLIX-INTERACTION COMPOUND
; CURRENT APPLICATION NUMBER: US/09/940,173A
; CURRENT FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: 09/730,893
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-940-173A-1

Query Match 100.0%; Score 6; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
|||||
Db 1 TTAGGG 6

RESULT 17
US-09-730-893-1
; Sequence 1, Application US/09730893
; Patent No. 6689887
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: G-QUADRUPLIX-INTERACTION COMPOUND
; CURRENT APPLICATION NUMBER: US/09/730,893
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-730-893-1

Query Match 100.0%; Score 6; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
|||||

Db 1 TTAGGG 6
RESULT 18
US-09-042-460-7
; Sequence 7, Application US/09042460
; Patent No. 6767719
; GENERAL INFORMATION:
; APPLICANT: Morin, Gregg B.
; APPLICANT: Allsopp, Richard
; APPLICANT: Depinno, Ronald
; APPLICANT: Greenberg, Roger
; TITLE OF INVENTION: Mouse Telomerase Reverse Transcriptase
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/042,460
; FILING DATE: 16-MAR-1998
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17618
; FILING DATE: 01-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/974,549
; FILING DATE: 19-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/974,584
; FILING DATE: 19-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/979,742
; FILING DATE: 26-NOV-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Einhorn, Gregory P.
; REGISTRATION NUMBER: 38,440
; REFERENCE/DOCKET NUMBER: 015369-003110US

TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY:
LOCATION: 1..6
OTHER INFORMATION: /note= "human telomeric repeat"
US-09-042-460-7

Query Match 100.0%; Score 6; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 19
PCT-US96-01206-1
Sequence 1, Application PC/TUS9601206
GENERAL INFORMATION:
APPLICANT: Iverson, Patrick L.
TITLE OF INVENTION: Synthetic Oligodeoxynucleotides Which
Mimic Telomeric Sequences for Use in the Treatment of
Cancer and other Diseases
TITLE OF INVENTION: Mimic Telomeric Sequences for Use in the Treatment of
Cancer and other Diseases
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Zarley, McKee, Thome, Voorhees & Sease
STREET: 801 Grand Avenue Suite 3200
CITY: Des Moines
STATE: Iowa
COUNTRY: United States
ZIP: 50309
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/01206
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/381,097
FILING DATE: 31-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Nebel, Heidi S.
REGISTRATION NUMBER: 37,719
REFERENCE/DOCKET NUMBER: UNMC# 63092
TELECOMMUNICATION INFORMATION:
TELEPHONE: 515-288-3667
TELEFAX: 515-288-1338
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
PCT-US96-01206-1

Query Match 100.0%; Score 6; DB 5; Length 6;

Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTAGGG 6
Db 1 TTAGGG 6
RESULT 20
US-08-729-598-8
Sequence 8, Application US/08729598
Patent No. 6001657
GENERAL INFORMATION:
APPLICANT: Hardin, Charles C.
APPLICANT: Brown II, Bernard A.
APPLICANT: Roberts, John J.
APPLICANT: Pelsue, Stephen A.
TITLE OF INVENTION: Antibodies That Selectively Bind
Quadruplex Nucleic Acids
TITLE OF INVENTION: Quadruplex Nucleic Acids
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sorojini J. Biswas
STREET: P.O. Box 37428
CITY: Raleigh
STATE: No. 6001657th Carolina
COUNTRY: USA
ZIP: 27627

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/729,598
FILING DATE: 11-OCT-1996
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Biswas, Sorojini J.
REGISTRATION NUMBER: 39,111
REFERENCE/DOCKET NUMBER: 5051-301A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 854-1400
TELEFAX: (919) 854-1401
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
US-08-729-598-8

Query Match 100.0%; Score 6; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 2.3e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 2 TTAGGG 7

RESULT 21
US-09-940-173A-6
Sequence 6, Application US/09940173A
Patent No. 6623930
GENERAL INFORMATION:
APPLICANT: KERWIN, SEAN M.
APPLICANT: FEDOROFF, OLEG Y.
APPLICANT: SALAZAR, MIGUEL
APPLICANT: HURLEY, LAURENCE H.
TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
G-QUADRUPLIX-INTERACTION COMPOUND
FILE REFERENCE: UTSB:679USD2

; CURRENT APPLICATION NUMBER: US/09/940,173A
; CURRENT FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: 09/730,893
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-940-173A-6

Query Match 100.0%; Score 6; DB 4; Length 7;
Best Local Similarity 100.0%; Pred. No. 2.3e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 22
US-09-730-893-6
; Sequence 6, Application US/09730893
; Patent No. 6689887
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: UTSB:679USC1
; CURRENT APPLICATION NUMBER: US/09/730,893
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-730-893-6

Query Match 100.0%; Score 6; DB 4; Length 7;
Best Local Similarity 100.0%; Pred. No. 2.3e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 23
US-08-838-545-15
; Sequence 15, Application US/08838545
; Patent No. 6046307
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.

; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6046307ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 09-APR-1997
; APPLICATION NUMBER: US/08/838,545
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleoside bases via
; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-08-838-545-15
Query Match 100.0%; Score 6; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTAGGG 6
Db 2 TTAGGG 7
RESULT 24
US-08-838-545-30/C
; Sequence 30, Application US/08838545
; Patent No. 6046307
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6046307ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA

ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-08-838-545-30

Query Match 100.0%; Score 6; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTAGGG 6
Db 7 TTAGGG 2

RESULT 25
US-08-838-545-34
Sequence 34, Application US/08838545
Patent No. 6046307
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6046307ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019

FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-08-838-545-34

Query Match 100.0%; Score 6; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTAGGG 6
Db 2 TTAGGG 7

RESULT 26
US-09-349-532-15
Sequence 15, Application US/09349532
Patent No. 6294650
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6294650ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/349,532
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/838,545

; FILING DATE: 09-APR-1997
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-09-349-532-15

Query Match 100.0%; Score 6; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 2 TTAGGG 7

RESULT 27
US-09-349-532-30/c
; Sequence 30, Application US/09349532
; Patent No. 6294650
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6294650ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/349,532
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/838,545
; FILING DATE: 09-APR-1997
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300

; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-09-349-532-30

Query Match 100.0%; Score 6; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 7 TTAGGG 2

RESULT 28
US-09-349-532-34
; Sequence 34, Application US/09349532
; Patent No. 6294650
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6294650ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/349,532
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/838,545
; FILING DATE: 09-APR-1997
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via

```

; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "N = 1-50 peptide nucleic acid nucleobases, selected
; OTHER INFORMATION: U, T, A, G, i or C"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 8
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "N = 1-50 peptide nucleic acid nucleobases, selected
; OTHER INFORMATION: U, T, A, G, i or C"
US-09-349-532-34

Query Match 100.0%; Score 6; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 2 TTAGGG 7

RESULT 29
US-09-940-173A-4
; Sequence 4, Application US/09940173A
; Patent No. 6623930
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; TITLE OF INVENTION: G-QUADRUPLIX-INTERACTION COMPOUND
; FILE REFERENCE: UTSB:679USD2
; CURRENT APPLICATION NUMBER: US/09/940,173A
; CURRENT FILING DATE: 2002-08-24
; PRIOR APPLICATION NUMBER: 09/730,893
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-940-173A-4

Query Match 100.0%; Score 6; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 30
US-09-940-173A-4
; Sequence 4, Application US/09940173A
; Patent No. 6623930
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; TITLE OF INVENTION: G-QUADRUPLIX-INTERACTION COMPOUND
; FILE REFERENCE: UTSB:679USD2
; CURRENT APPLICATION NUMBER: US/09/940,173A
; CURRENT FILING DATE: 2002-08-24
; PRIOR APPLICATION NUMBER: 09/730,893
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-940-173A-4

Query Match 100.0%; Score 6; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 30
US-09-730-893-4
; Sequence 4, Application US/09730893
; Patent No. 6689887
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; TITLE OF INVENTION: G-QUADRUPLIX-INTERACTION COMPOUND
; FILE REFERENCE: UTSB:679USD1
; CURRENT APPLICATION NUMBER: US/09/730,893
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-730-893-4

Query Match 100.0%; Score 6; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 31
US-08-337-684-3
; Sequence 3, Application US/08337684
; Patent No. 5686306
; GENERAL INFORMATION:
; APPLICANT: West, Michael David
; APPLICANT: Shay, Jerry
; APPLICANT: Wright, Woodring E.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR
; TITLE OF INVENTION: MEASURING TELOMERES
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/337,684
; FILING DATE: No. 5686306ember 10, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/151,477
; FILING DATE: No. 5686306ember 12, 1993
; APPLICATION NUMBER: 08/153,051
; FILING DATE: No. 5686306ember 12, 1993
; APPLICATION NUMBER: 08/060,952
; FILING DATE: May 13, 1993
; APPLICATION NUMBER: 08/038,766
; FILING DATE: March 24, 1993
; APPLICATION NUMBER: 07/882,438
; FILING DATE: May 13, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/085

```

```

; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; TITLE OF INVENTION: G-QUADRUPLIX-INTERACTION COMPOUND
; FILE REFERENCE: UTSB:679USC1
; CURRENT APPLICATION NUMBER: US/09/730,893
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-730-893-4

Query Match 100.0%; Score 6; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 31
US-08-337-684-3
; Sequence 3, Application US/08337684
; Patent No. 5686306
; GENERAL INFORMATION:
; APPLICANT: West, Michael David
; APPLICANT: Shay, Jerry
; APPLICANT: Wright, Woodring E.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR
; TITLE OF INVENTION: MEASURING TELOMERES
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/337,684
; FILING DATE: No. 5686306ember 10, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/151,477
; FILING DATE: No. 5686306ember 12, 1993
; APPLICATION NUMBER: 08/153,051
; FILING DATE: No. 5686306ember 12, 1993
; APPLICATION NUMBER: 08/060,952
; FILING DATE: May 13, 1993
; APPLICATION NUMBER: 08/038,766
; FILING DATE: March 24, 1993
; APPLICATION NUMBER: 07/882,438
; FILING DATE: May 13, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/085

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-337-684-3

Query Match 100.0%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.8e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 32
US-08-630-019A-27
; Sequence 27, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US

TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker."
US-08-630-019A-27

Query Match 100.0%; Score 6; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.8e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 4 TTAGGG 9
RESULT 33
US-09-069-434-14
; Sequence 14, Application US/09069434
; Patent No. 6017709
; GENERAL INFORMATION:
; APPLICANT: HARDIN, Susan H.
; APPLICANT: YING, Jun
; APPLICANT: JONES, Leslie Borgan
; TITLE OF INVENTION: DNA Replication Templates Stabilized by
; TITLE OF INVENTION: Guanine Quartets
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski L.L.P.
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/09/069,434
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: DAVIDSON, Ross E.
; REGISTRATION NUMBER: P-41,698
; REFERENCE/DOCKET NUMBER: P-01480US0

TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5144
; TELEFAX: 713/651-5246
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-069-434-14

Query Match 100.0%; Score 6; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.8e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 4 TTAGGG 9

RESULT 34
US-08-838-545-16
; Sequence 16, Application US/08838545
; Patent No. 6046307
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6046307ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids

NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 08/838,545
FILING DATE: 09-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-08-838-545-16

Query Match 100.0%; Score 6; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.8e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 3 TTAGGG 8

RESULT 35
US-09-349-532-16
Sequence 16, Application US/09349532
Patent No. 6294650
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Flatuszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6294650ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/09/349,532
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/838,545
FILING DATE: 09-APR-1997
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-09-349-532-16

Query Match 100.0%; Score 6; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.8e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 3 TTAGGG 8

RESULT 36
US-08-192-300-18
Sequence 18, Application US/08192300
Patent No. 5580759
GENERAL INFORMATION:
APPLICANT: Yang, Yih-Sheng
APPLICANT: Tucker, Philip W.
APPLICANT: Capra, J. Donald
TITLE OF INVENTION: CONSTRUCTION OF RECOMBINANT DNA BY
TITLE OF INVENTION: EXONUCLEASE RESECTION
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/192,300
FILING DATE: February 3, 1994
CLASSIFICATION: 535
ATTORNEY/AGENT INFORMATION:
NAME: Denise L. Mayfield
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTSD:327
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 320-7200
TELEFAX: (512) 474-7577

; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: Nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
US-08-192-300-18

Query Match 100.0%; Score 6; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 8.8e+04;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 5 TTAGGG 10

RESULT 37
US-08-531-743-10
; Sequence 10, Application US/08531743
; Patent No. 5856096
; GENERAL INFORMATION:
; APPLICANT: Windle, Bradford E.
; APPLICANT: Qiu, Ming
; APPLICANT: Chen, Shi-fong
; APPLICANT: Fletcher, Terace M.
; APPLICANT: Maine, Ira
; TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and
; TITLE OF INVENTION: Distinguishing Between Processive and
; TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: United States of America
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/531,743
; FILING DATE: 20-SEP-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: CTRC:026/HYL
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-531-743-10.

Query Match 100.0%; Score 6; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 8.8e+04;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 38

US-08-630-019A-8
; Sequence 8, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
US-08-630-019A-8

Query Match 100.0%; Score 6; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 8.8e+04;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 39
US-08-838-545-7
; Sequence 7, Application US/08838545
; Patent No. 6046307
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6046307ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor

```
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94111-3834
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/838,545
/ FILING DATE: 09-APR-1997
/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/630,019
/ FILING DATE: 09-APR-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Storella, John R.
/ REGISTRATION NUMBER: 32,944
/ REFERENCE/DOCKET NUMBER: 015389-001610US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "peptide nucleic acid (PNA),
/ DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
/ DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
/ DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-08-838-545-7

Query Match 100.0%; Score 6; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 8.8e+04;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 40
US-08-838-545-11/c
/ Sequence 11, Application US/08838545
/ Patent No. 6046307
/ GENERAL INFORMATION:
/ APPLICANT: Shay, Jerry W.
/ APPLICANT: Wright, Woodring E.
/ APPLICANT: Piatyzsek, Mieczyslaw A.
/ APPLICANT: Corey, David R.
/ APPLICANT: No. 6046307con, James C.
/ TITLE OF INVENTION: Modulation of Mammalian Telomerase by
/ TITLE OF INVENTION: Peptide Nucleic Acids
/ NUMBER OF SEQUENCES: 60
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Townsend and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, Eighth Floor
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94111-3834
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/838,545
/ FILING DATE: 09-APR-1997
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/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/630,019
/ FILING DATE: 09-APR-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Storella, John R.
/ REGISTRATION NUMBER: 32,944
/ REFERENCE/DOCKET NUMBER: 015389-001610US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 11:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: -
/ LOCATION: 1..10
/ OTHER INFORMATION: /note= "template region of the RNA
/ OTHER INFORMATION: component of human telomerase (hTR)"
US-08-838-545-11

Query Match 100.0%; Score 6; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 8.8e+04;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 10 TTAGGG 5

Search completed: July 12, 2005, 21:41:33
Job time : 36.3924 secs
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: July 12, 2005, 18:12:19 ; Search time 565.316 Seconds
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Title: US-09-540-843-8

Perfect score: 20

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Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 6330945 seqs, 3139162390 residues

Total number of hits satisfying chosen parameters: 7146590

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Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Published Applications NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	14.4	72.0	75	19	US-10-430-201-847
5	14.4	72.0	75	19	US-10-430-201-848
6	14.4	72.0	75	21	US-10-719-900-18303
7	14.2	71.0	25	21	US-10-719-900-665799
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					Sequence 8, Appli
					Sequence 846, App
					Sequence 847, App
					Sequence 848, App
					Sequence 18303, A
					Sequence 665799, A

8	14.2	71.0	123	20	US-10-425-115-178377	Sequence 178377, A
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10	14.2	71.0	153	11	US-09-727-892-32	Sequence 32, Appl
11	14.2	71.0	175	19	US-10-437-963-71654	Sequence 71654, A
12	14.2	71.0	191	19	US-10-437-963-32687	Sequence 32687, A
13	13.8	69.0	25	21	US-10-719-900-102233	Sequence 102233, A
14	13.8	69.0	25	21	US-10-719-900-102234	Sequence 102234, A
15	13.8	69.0	162	8	US-08-781-986A-1694	Sequence 1694, Ap
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39	13.2	66.0	99	9	US-09-969-373-431	Sequence 431, App
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c 86 12.8 64.0 172 18 US-10-424-599-48011 Sequence 48011, A
c 87 12.8 64.0 190 9 US-09-969-373-169 Sequence 169, App
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c 89 12.6 63.0 23 21 US-10-805-292-73 Sequence 73, Appl
c 90 12.6 63.0 25 21 US-10-719-900-18304 Sequence 18304, A
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c 96 12.6 63.0 25 21 US-10-719-900-665798 Sequence 665798, A
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c 98 12.6 63.0 25 21 US-10-719-900-919238 Sequence 919238, A
c 99 12.6 63.0 25 21 US-10-956-157-248869 Sequence 248869, A
c 100 12.6 63.0 27 24 US-11-040-661-56 Sequence 56, Appl

ALIGNMENTS

RESULT 1
US-10-122-630-8
; Sequence 8, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-8

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Matches 20; Conservative 0; Mismatches 0

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Db 1 GCATGCATGCATTACGTACG 20

RESULT 2
US-10-122-633-8
; Sequence 8, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.

; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-8

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Matches 20; Conservative 0; Mismatches 0

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US-10-430-201-846/c
; Sequence 846, Application US/10430201
; Publication No. US20040162679A1
; GENERAL INFORMATION:
; APPLICANT: Li, Linheng
; TITLE OF INVENTION: Method for Predicting Gene Potential and Cell Commitment
; FILE REFERENCE: 40716 (IP-010)
; CURRENT APPLICATION NUMBER: US/10/430,201
; CURRENT FILING DATE: 2003-05-05
; PRIOR APPLICATION NUMBER: US 60/370,114
; PRIOR FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 4879
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 846
; LENGTH: 75
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-430-201-846

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Matches 15; Conservative 0; Mismatches 1

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Db 54 ATGCATGCATTACGTA 39

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; Sequence 847, Application US/10430201
; Publication No. US20040162679A1
; GENERAL INFORMATION:
; APPLICANT: Li, Linheng
; TITLE OF INVENTION: Method for Predicting Gene Potential and Cell Commitment
; FILE REFERENCE: 40716 (IP-010)
; CURRENT APPLICATION NUMBER: US/10/430,201
; CURRENT FILING DATE: 2003-05-05
; PRIOR APPLICATION NUMBER: US 60/370,114
; PRIOR FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 4879
; SOFTWARE: PatentIn version 3.2

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; SEQ ID NO 847
; LENGTH: 75
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-430-201-847

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Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 ATGCATGCATTACGTA 18
Db 54 ATGCATGCATAACGTA 39

RESULT 5
US-10-430-201-848/c
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; Publication No. US20040162679A1
; GENERAL INFORMATION:
; APPLICANT: Li, Linheng
; TITLE OF INVENTION: Method for Predicting Gene Potential and Cell Commitment
; FILE REFERENCE: 40716 (IP-010)
; CURRENT APPLICATION NUMBER: US/10/430,201
; CURRENT FILING DATE: 2003-05-05
; PRIOR APPLICATION NUMBER: US 60/370,114
; PRIOR FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 4879
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 848
; LENGTH: 75
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-430-201-848

Query Match
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Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 ATGCATGCATTACGTA 18
Db 54 ATGCATGCATAACGTA 39

RESULT 6
US-10-719-900-18303/c
; Sequence 18303, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 18303
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-18303

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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTAC 19
Db 24 GCATGCATGCATTACGTAC 6

RESULT 7
US-10-719-900-665799/c
; Sequence 665799, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 665799
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-665799

Query Match
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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTAC 19
Db 19 GTATGCACGCATTATGTAC 1

RESULT 8
US-10-425-115-178377
; Sequence 178377, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 178377
; LENGTH: 123
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MFT4577_94267C.1
US-10-425-115-178377

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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Db 86 GCATGCACGCATGACGGAC 104

RESULT 9
US-10-282-122A-11843/c
; Sequence 11843, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
```

APPLICANT: Trawick, John
APPLICANT: Carr, Grant
APPLICANT: Yamamoto, Robert
APPLICANT: Forsyth, R.
APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR FILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 11843
LENGTH: 141
TYPE: DNA
ORGANISM: Burkholderia cepacia
US-10-282-122A-11843

Query Match 71.0%; Score 14.2; DB 17; Length 141;
Best Local Similarity 84.2%; Pred. No. 3.4e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTAC 19
Db 38 GCCTGCATGCATACGGAC 20

RESULT 10
US-09-727-892-32/c
Sequence 32, Application US/09727892
Publication No. US20040091856A1
GENERAL INFORMATION:
APPLICANT: Phagotech, Inc.
APPLICANT: PELETTIER, Jerry
APPLICANT: GROS, Philippe
APPLICANT: DUBOW, Michael
TITLE OF INVENTION: DNA SEQUENCES FROM STAPHYLOCOCCUS AUREUS BACTERIOPHAGE 44 AHJD
FILE REFERENCE: 073406-0302
CURRENT APPLICATION NUMBER: US/09/727,892
CURRENT FILING DATE: 2000-12-01
NUMBER OF SEQ ID NOS: 159
SOFTWARE: PatentIn version 3.0
SEQ ID NO 32
LENGTH: 153
TYPE: DNA
ORGANISM: Staphylococcus aureus Bacteriophage 44 AHJD
US-09-727-892-32

Query Match 71.0%; Score 14.2; DB 11; Length 153;
Best Local Similarity 84.2%; Pred. No. 3.5e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTAC 19
Db 70 GCATACCTGCATTACGTTTC 52

RESULT 11
US-10-437-963-71654/c
Sequence 71654, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 71654
LENGTH: 175
TYPE: DNA
ORGANISM: Oryza sativa
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT4530_72107C.1
US-10-437-963-71654

Query Match 71.0%; Score 14.2; DB 19; Length 175;
Best Local Similarity 84.2%; Pred. No. 3.5e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTACGTACG 20
Db 46 CATCCATGCATTCCTTACG 28

RESULT 12
US-10-437-963-32687/c
Sequence 32687, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 32687
LENGTH: 191
TYPE: DNA
ORGANISM: Oryza sativa
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT4530_36871C.1
US-10-437-963-32687

Query Match 71.0%; Score 14.2; DB 19; Length 191;
Best Local Similarity 84.2%; Pred. No. 3.5e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTACGTACG 20


```
; APPLICATION NUMBER: 08/781,986
; FILING DATE: January 3, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark J. Hyman
; REGISTRATION NUMBER: 46,789
; REFERENCE/DOCKET NUMBER: PB248P1D1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (240) 314-1224
; TELEFAX: (301) 309-8439
; INFORMATION FOR SEQ ID NO: 1694:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 1694:
US-10-329-624-1694

Query Match          69.0%; Score 13.8; DB 18; Length 162;
Best Local Similarity 88.2%; Pred. No. 5.5e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4 TGCATGCATTACGTACG 20
Db 50 TACATGCAATACGTACG 66

RESULT 17
US-10-424-599-76449
; Sequence 76449, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 76449
; LENGTH: 173
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_40045C.1
US-10-424-599-76449

Query Match          69.0%; Score 13.8; DB 18; Length 173;
Best Local Similarity 88.2%; Pred. No. 5.5e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 ATGCATGCATTACGTAC 19
Db 48 ATGCATGCATTACAGAC 64

RESULT 18
US-10-424-599-1569
; Sequence 1569, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28

; APPLICATION NUMBER: 08/781,986
; FILING DATE: January 3, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark J. Hyman
; REGISTRATION NUMBER: 46,789
; REFERENCE/DOCKET NUMBER: PB248P1D1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (240) 314-1224
; TELEFAX: (301) 309-8439
; INFORMATION FOR SEQ ID NO: 1694:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 1694:
US-10-329-624-1694

Query Match          69.0%; Score 13.8; DB 18; Length 177;
Best Local Similarity 88.2%; Pred. No. 5.5e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 ATGCATGCATTACGTAC 19
Db 98 ATGCATCCATTACTTAC 114

RESULT 19
US-10-424-599-59127/c
; Sequence 59127, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 59127
; LENGTH: 180
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_24402C.1
US-10-424-599-59127

Query Match          69.0%; Score 13.8; DB 18; Length 180;
Best Local Similarity 88.2%; Pred. No. 5.5e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGT 17
Db 178 GCATCCATGCATTCCGT 162

RESULT 20
US-10-424-599-76527
; Sequence 76527, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 76527
; LENGTH: 187
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)...(187)
; OTHER INFORMATION: unsure at all n locations
```

FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT3847_40115C.1
US-10-424-599-76527

Query Match 69.0%; Score 13.8; DB 18; Length 187;
Best Local Similarity 88.2%; Pred. No. 5.5e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4 TGCATGCATTACGTACG 20
|||||
Db 90 TGCATGCATTGCTTACG 106
|||||

RESULT 21
US-10-425-115-148817
; Sequence 148817, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 148817
; LENGTH: 192
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_67247C.1
US-10-425-115-148817

Query Match 69.0%; Score 13.8; DB 20; Length 192;
Best Local Similarity 88.2%; Pred. No. 5.5e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGT 17
|||||
Db 41 GCATGCTTGCATTGCT 57
|||||

RESULT 22
US-10-719-900-573924/c
; Sequence 573924, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 573924
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-573924

Query Match 68.0%; Score 13.6; DB 21; Length 25;
Best Local Similarity 80.0%; Pred. No. 6.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTACG 20
|||||
Db 25 GGATGCTTGACTACGTACG 6
|||||

RESULT 23
US-10-437-963-46744
; Sequence 46744, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 46744
; LENGTH: 112
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_49581C.1
US-10-437-963-46744

Query Match 68.0%; Score 13.6; DB 19; Length 112;
Best Local Similarity 80.0%; Pred. No. 6.7e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTACG 20
|||||
Db 1 GCAAGCAACATTACGTAAG 20
|||||

RESULT 24
US-10-242-535A-18933/c
; Sequence 18933, Application US/10242535A
; Publication No. US20040013663A1
; GENERAL INFORMATION:
; APPLICANT: ChondroGene Inc.
; APPLICANT: Liaw, C.C.
; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
; FILE REFERENCE: 4231/2005
; CURRENT APPLICATION NUMBER: US/10/242,535A
; CURRENT FILING DATE: 2002-09-12
; PRIOR APPLICATION NUMBER: US 10/085,783
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: US 60/305,340
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/275,017
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: US 60/271,955
; PRIOR FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 58994
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18933
; LENGTH: 165
; TYPE: DNA
; ORGANISM: Human
US-10-242-535A-18933

Query Match 68.0%; Score 13.6; DB 17; Length 165;
Best Local Similarity 80.0%; Pred. No. 6.9e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTACG 20
|||||
Db 65 GCTTCATGCATTACCTAAG 46
|||||

```
RESULT 25
US-10-085-783A-18933/C
; Sequence 18933, Application US/10085783A
; Publication No. US20040037841A1
; GENERAL INFORMATION:
; APPLICANT: ChondroGene Inc.
; APPLICANT: Liew, C.C.
; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
; FILE REFERENCE: 4231/2002
; CURRENT APPLICATION NUMBER: US/10/085,783A
; CURRENT FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: US 60/305,340
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/275,017
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: US 60/271,955
; PRIOR FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 58994
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18933
; LENGTH: 165
; TYPE: DNA
; ORGANISM: Human
US-10-085-783A-18933

Query Match      68.0%; Score 13.6; DB 18; Length 165;
Best Local Similarity 80.0%; Pred. No. 6.9e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACGTACG 20
Db 65 GCTTTCATGCATTACCTAAG 46

RESULT 26
US-10-425-115-15874
; Sequence 15874, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 15874
; LENGTH: 177
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(177)
; OTHER INFORMATION: unsure at all n locations
;
; OTHER INFORMATION: Clone ID: MRT4577_114478C.1
US-10-425-115-15874

Query Match      68.0%; Score 13.6; DB 20; Length 177;
Best Local Similarity 80.0%; Pred. No. 6.9e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACGTACG 20
Db 36 GCATGCCAGCATCATGTACG 55

RESULT 27
US-10-437-963-87658
; Sequence 87658, Application US/10437963
```

```
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 87658
; LENGTH: 179
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_86583C.1
US-10-437-963-87658

Query Match      68.0%; Score 13.6; DB 19; Length 179;
Best Local Similarity 80.0%; Pred. No. 6.9e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACGTACG 20
Db 124 GGATCCAAGCTTTACGTACG 143

RESULT 28
US-10-021-323-16957
; Sequence 16957, Application US/10021323
; Publication No. US20040123340A1
; GENERAL INFORMATION:
; APPLICANT: Deikman, Jill
; APPLICANT: Feng, Paul C.C.
; APPLICANT: Fincher, Karen L.
; APPLICANT: Ziegler, Todd E.
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(52274)B
; CURRENT APPLICATION NUMBER: US/10/021,323
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: US 60/255, 619
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 17880
; SEQ ID NO 16957
; LENGTH: 187
; TYPE: DNA
; ORGANISM: Gossypium hirsutum
; FEATURE:
; OTHER INFORMATION: Clone ID: LTB3829-026-Q6-N6-B3
US-10-021-323-16957

Query Match      68.0%; Score 13.6; DB 19; Length 187;
Best Local Similarity 80.0%; Pred. No. 6.9e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACGTACG 20
Db 124 GCAIGCTTGCAACAAGTACG 143

RESULT 29
US-10-719-900-356387
; Sequence 356387, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
```


; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 356387
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-356387

Query Match 67.0%; Score 13.4; DB 21; Length 25;
Best Local Similarity 93.3%; Pred. No. 7.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5 GCATGCATTACGTAC 19
Db 6 GCATGGATTACGTAC 20
||||| |||||||

RESULT 30

US-10-767-701-21523/c
; Sequence 21523, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 21523
; LENGTH: 165
; TYPE: DNA
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: 13239548
US-10-767-701-21523

Query Match 67.0%; Score 13.4; DB 19; Length 165;
Best Local Similarity 93.3%; Pred. No. 8.6e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTAC 15
Db 141 GCATGCATGAATTAC 127
||||| |||||||

RESULT 31

US-09-728-444-656/c
; Sequence 656, Application US/09728444
; Patent No. US20020161207A1
; GENERAL INFORMATION:
; APPLICANT: Friedrich, Glenn
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: No. US20020161207A1el Murine Polynucleotide Sequences
; TITLE OF INVENTION: and Mutant Cells and Mutant Animals Defined Thereby
; FILE REFERENCE: LEX-0100-USA
; CURRENT APPLICATION NUMBER: US/09/728,444
; CURRENT FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/168,360
; PRIOR FILING DATE: 1999-12-01
; NUMBER OF SEQ ID NOS: 1206
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 656
; LENGTH: 175

; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(175)
; OTHER INFORMATION: n = A,T,C or G
US-09-728-444-656

Query Match 67.0%; Score 13.4; DB 9; Length 175;
Best Local Similarity 93.3%; Pred. No. 8.6e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTAC 15
Db 103 GCATGCATGCATTAC 89
||||| |||||||

RESULT 32

US-10-424-599-129131/c
; Sequence 129131, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 129131
; LENGTH: 188
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_87610C.1
US-10-424-599-129131

Query Match 67.0%; Score 13.4; DB 18; Length 188;
Best Local Similarity 93.3%; Pred. No. 8.6e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTAC 15
Db 141 GCATGCATGCATGAC 127
||||| |||||||

RESULT 33

US-10-719-900-632764
; Sequence 632764, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 632764
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-632764

Query Match 66.0%; Score 13.2; DB 21; Length 25;
Best Local Similarity 83.3%; Pred. No. 1e+04;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTA 18
||| |||| |||| ||||
Db 3 GCAAGCATCCATTACTTA 20

RESULT 34

US-10-719-900-703238
; Sequence 703238, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou

; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse

; FILE REFERENCE: 3528.1

; CURRENT APPLICATION NUMBER: US/10/719,900

; CURRENT FILING DATE: 2003-11-20

; PRIOR APPLICATION NUMBER: 60/427,808

; PRIOR FILING DATE: 2002-11-20

; NUMBER OF SEQ ID NOS: 982914

; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

; SEQ ID NO 703238

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Mus musculus

US-10-719-900-703238

Query Match 66.0%; Score 13.2; DB 21; Length 25;
Best Local Similarity 83.3%; Pred. No. 1e+04; Mismatches 0; Gaps 0;
Matches 15; Conservative 0; Indels 3; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTA 18
||| |||| |||| ||||
Db 3 GCATGTATGCATTACTGTA 20

RESULT 35

US-10-843-527-1378/c
; Sequence 1378, Application US/10843527
; Publication No. US20050136395A1
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann

; TITLE OF INVENTION: Methods of Genetic Analysis of SARS Virus

; FILE REFERENCE: 3602.1

; CURRENT APPLICATION NUMBER: US/10/843,527

; CURRENT FILING DATE: 2004-05-10

; PRIOR APPLICATION NUMBER: 60/469,545

; PRIOR FILING DATE: 2003-05-08

; NUMBER OF SEQ ID NOS: 238196

; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

; SEQ ID NO 1378

; LENGTH: 25

; TYPE: DNA

; ORGANISM: SARS Virus

US-10-843-527-1378

Query Match 66.0%; Score 13.2; DB 22; Length 25;
Best Local Similarity 83.3%; Pred. No. 1e+04; Mismatches 0; Gaps 0;
Matches 15; Conservative 0; Indels 3; Indels 0; Gaps 0;

Qy 3 ATGCATGCATTACGTACG 20
||| |||| |||| ||||
Db 23 ATGCTGTCATTACTTACG 6

RESULT 36

US-10-843-527-1383/c
; Sequence 1383, Application US/10843527
; Publication No. US20050136395A1
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann

; TITLE OF INVENTION: Methods of Genetic Analysis of SARS Virus

; FILE REFERENCE: 3602.1

; CURRENT APPLICATION NUMBER: US/10/843,527

; CURRENT FILING DATE: 2004-05-10

; PRIOR APPLICATION NUMBER: 60/469,545

; PRIOR FILING DATE: 2003-05-08

; NUMBER OF SEQ ID NOS: 238196

; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

; SEQ ID NO 1383

; LENGTH: 25

; TYPE: DNA

; ORGANISM: SARS Virus

US-10-843-527-1383

Query Match 66.0%; Score 13.2; DB 22; Length 25;

; CURRENT APPLICATION NUMBER: US/10/843,527
; CURRENT FILING DATE: 2004-05-10
; PRIOR APPLICATION NUMBER: 60/469,545
; PRIOR FILING DATE: 2003-05-08
; NUMBER OF SEQ ID NOS: 238196
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 1383
; LENGTH: 25
; TYPE: DNA
; ORGANISM: SARS Virus
US-10-843-527-1383

Query Match 66.0%; Score 13.2; DB 22; Length 25;
Best Local Similarity 83.3%; Pred. No. 1e+04; Mismatches 0; Gaps 0;
Matches 15; Conservative 0; Indels 3; Indels 0; Gaps 0;

Qy 3 ATGCATGCATTACGTACG 20
||| |||| |||| ||||
Db 18 ATGCTTGCATGACTTACG 1

RESULT 37

US-10-843-527-236794
; Sequence 236794, Application US/10843527
; Publication No. US20050136395A1
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann

; TITLE OF INVENTION: Methods of Genetic Analysis of SARS Virus

; FILE REFERENCE: 3602.1

; CURRENT APPLICATION NUMBER: US/10/843,527

; CURRENT FILING DATE: 2004-05-10

; PRIOR APPLICATION NUMBER: 60/469,545

; PRIOR FILING DATE: 2003-05-08

; NUMBER OF SEQ ID NOS: 238196

; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

; SEQ ID NO 236794

; LENGTH: 25

; TYPE: DNA

; ORGANISM: SARS Virus

US-10-843-527-236794

Query Match 66.0%; Score 13.2; DB 22; Length 25;
Best Local Similarity 83.3%; Pred. No. 1e+04; Mismatches 0; Gaps 0;
Matches 15; Conservative 0; Indels 3; Indels 0; Gaps 0;

Qy 3 ATGCATGCATTACGTACG 20
||| |||| |||| ||||
Db 8 ATGCTTGCATGACTTACG 25

RESULT 38

US-10-843-527-236799
; Sequence 236799, Application US/10843527
; Publication No. US20050136395A1
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann

; TITLE OF INVENTION: Methods of Genetic Analysis of SARS Virus

; FILE REFERENCE: 3602.1

; CURRENT APPLICATION NUMBER: US/10/843,527

; CURRENT FILING DATE: 2004-05-10

; PRIOR APPLICATION NUMBER: 60/469,545

; PRIOR FILING DATE: 2003-05-08

; NUMBER OF SEQ ID NOS: 238196

; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

; SEQ ID NO 236799

; LENGTH: 25

; TYPE: DNA

; ORGANISM: SARS Virus

US-10-843-527-236799

Best Local Similarity 83.3%; Pred. No. 1e+04;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Search completed: July 13, 2005, 04:11:25
Job time : 569.316 secs

Qy 3 ATGCATGCATTACGTACG 20
Db 3 ATGCTGGCATTACTTACG 20

RESULT 39
US-09-969-373-431/c
; Sequence 431, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 431
; LENGTH: 99
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-431

Query Match 66.0%; Score 13.2; DB 9; Length 99;
Best Local Similarity 83.3%; Pred. No. 1.1e+04;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTA 18
Db 45 GCATGCATGCATCAATTA 28

RESULT 40
US-09-969-373-516/c
; Sequence 516, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 516
; LENGTH: 99
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-516

Query Match 66.0%; Score 13.2; DB 9; Length 99;
Best Local Similarity 83.3%; Pred. No. 1.1e+04;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTA 18
Db 45 GCATGCATGCATCAATTA 28

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: July 12, 2005, 15:44:02 ; Search time 117.975 Seconds
(without alignments)
277.395 Million cell updates/sec

Title: US-09-540-843-8

Perfect score: 20

Sequence: 1 gcatgcattcattcgtacg 20

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 1407054

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Issued Patents NA:*

- 1: /cgn2_6/ptodata/1/ina/5A.COMB.seq:*
- 2: /cgn2_6/ptodata/1/ina/5B.COMB.seq:*
- 3: /cgn2_6/ptodata/1/ina/6A.COMB.seq:*
- 4: /cgn2_6/ptodata/1/ina/6B.COMB.seq:*
- 5: /cgn2_6/ptodata/1/ina/PCTUS.COMB.seq:*
- 6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	13.8	69.0	162	4	US-08-956-171E-1694
2	13.8	69.0	162	4	US-08-781-986A-1694
3	13.8	69.0	196	4	US-09-513-999C-25349
4	13.6	68.0	58	1	US-07-982-712-34
5	13.6	68.0	58	1	US-07-982-712-35
6	13.4	67.0	28	1	US-08-053-564-10
7	13.4	67.0	42	1	US-08-301-872A-6
8	13.4	67.0	42	2	US-08-443-372A-6
9	13.4	67.0	70	1	US-08-301-872A-7
10	13.4	67.0	70	1	US-08-301-872A-8
11	13.4	67.0	70	2	US-08-443-372A-7
12	13.4	67.0	70	2	US-08-443-372A-8
13	13.2	66.0	33	4	US-09-513-999C-27989
14	13.2	66.0	152	4	US-09-513-999C-27989
15	13.2	66.0	177	4	US-09-313-294A-292
16	12.8	64.0	25	4	US-09-396-196G-4286
17	12.8	64.0	25	4	US-09-396-196G-4287
18	12.8	64.0	182	4	US-09-513-999C-12286
19	12.6	63.0	26	1	US-07-720-586-7
20	12.6	63.0	65	3	US-09-415-522-24
21	12.6	63.0	77	4	US-09-001-039B-7
22	12.6	63.0	108	4	US-08-956-171E-4834
23	12.6	63.0	108	4	US-08-781-986A-4834
24	12.6	63.0	129	4	US-08-956-171E-4790
25	12.6	63.0	129	4	US-08-781-986A-4790
26	12.6	63.0	144	4	US-09-270-767-27187
27	12.6	63.0	145	4	US-09-513-999C-34984

28	12.6	63.0	178	4	US-09-313-294A-26	Sequence 26, Appl
29	12.6	63.0	178	4	US-09-270-767-26372	Sequence 26372, A
30	12.4	62.0	25	4	US-09-396-196G-4285	Sequence 4285, Ap
31	12.4	62.0	38	2	US-09-097-759-6	Sequence 6, Appl
32	12.4	62.0	38	3	US-09-065-104-24	Sequence 24, Appl
33	12.4	62.0	59	2	US-08-816-155B-23	Sequence 23, Appl
34	12.4	62.0	59	3	US-08-815-809-8	Sequence 8, Appl
35	12.4	62.0	59	3	US-09-079-587-23	Sequence 23, Appl
36	12.4	62.0	138	1	US-08-600-234-5	Sequence 5, Appl
37	12.4	62.0	138	1	US-08-386-921-5	Sequence 5, Appl
38	12.4	62.0	141	1	US-08-386-921-13	Sequence 13, Appl
39	12.4	62.0	144	1	US-08-386-921-11	Sequence 11, Appl
40	12.4	62.0	147	1	US-08-386-921-9	Sequence 9, Appl
41	12.4	62.0	159	4	US-09-513-999C-24987	Sequence 24987, A
42	12.4	62.0	161	1	US-08-600-234-2	Sequence 2, Appl
43	12.4	62.0	161	1	US-08-386-921-2	Sequence 2, Appl
44	12.4	62.0	161	1	US-08-386-921-10	Sequence 10, Appl
45	12.4	62.0	162	4	US-09-471-276-315	Sequence 315, App
46	12.4	62.0	197	1	US-08-386-921-4	Sequence 4, Appl
47	12.4	62.0	198	4	US-09-513-999C-13929	Sequence 13929, A
48	12.2	61.0	20	3	US-08-254-312B-21	Sequence 21, Appl
49	12.2	61.0	20	3	US-08-468-024B-21	Sequence 21, Appl
50	12.2	61.0	20	4	US-08-465-679-21	Sequence 21, Appl
51	12.2	61.0	20	4	US-09-232-785-139	Sequence 139, App
52	12.2	61.0	21	4	US-08-187-757D-19	Sequence 19, Appl
53	12.2	61.0	21	4	US-08-210-143C-19	Sequence 19, Appl
54	12.2	61.0	25	4	US-09-396-196G-51194	Sequence 51194, A
55	12.2	61.0	25	4	US-09-396-196G-59394	Sequence 59394, A
56	12.2	61.0	25	4	US-09-396-196G-87238	Sequence 87238, A
57	12.2	61.0	30	3	US-09-504-358-43	Sequence 43, Appl
58	12.2	61.0	30	3	US-09-954-314-43	Sequence 43, Appl
59	12.2	61.0	30	4	US-10-230-562-43	Sequence 43, Appl
60	12.2	61.0	35	4	US-09-122-315C-15	Sequence 15, Appl
61	12.2	61.0	35	4	US-09-360-376-4	Sequence 4, Appl
62	12.2	61.0	39	2	US-08-452-724A-18	Sequence 18, Appl
63	12.2	61.0	39	4	US-08-453-623-18	Sequence 18, Appl
64	12.2	61.0	43	3	US-08-961-810-31	Sequence 31, Appl
65	12.2	61.0	43	3	US-08-352-902D-31	Sequence 31, Appl
66	12.2	61.0	43	4	US-09-285-503B-31	Sequence 31, Appl
67	12.2	61.0	90	3	US-08-974-549A-693	Sequence 693, App
68	12.2	61.0	90	3	US-08-974-549A-694	Sequence 694, App
69	12.2	61.0	90	4	US-09-721-456-693	Sequence 693, App
70	12.2	61.0	90	4	US-09-721-456-694	Sequence 694, App
71	12.2	61.0	120	4	US-09-270-767-216	Sequence 216, App
72	12.2	61.0	120	4	US-09-270-767-15498	Sequence 15498, A
73	12.2	61.0	138	4	US-09-513-999C-14190	Sequence 14190, A
74	12.2	61.0	140	4	US-09-513-999C-29733	Sequence 29733, A
75	12.2	61.0	183	4	US-09-248-796A-12568	Sequence 12568, A
76	12.2	61.0	183	4	US-09-513-999C-23870	Sequence 23870, A
77	12	60.0	15	3	US-09-134-855-1	Sequence 1, Appl
78	12	60.0	15	3	US-09-134-855-1	Sequence 1, Appl
79	12	60.0	15	4	US-09-686-597-2	Sequence 2, Appl
80	12	60.0	15	4	US-09-686-597-2	Sequence 2, Appl
81	12	60.0	25	4	US-09-396-196G-11878	Sequence 11878, A
82	12	60.0	25	4	US-09-396-196G-49274	Sequence 49274, A
83	12	60.0	25	4	US-09-396-196G-49275	Sequence 49275, A
84	12	60.0	32	2	US-08-305-764C-37	Sequence 37, Appl
85	12	60.0	46	3	US-09-065-104-10	Sequence 10, Appl
86	12	60.0	46	3	US-09-065-104-11	Sequence 11, Appl
87	12	60.0	46	3	US-09-065-104-12	Sequence 12, Appl
88	12	60.0	46	3	US-09-065-104-13	Sequence 13, Appl
89	12	60.0	46	3	US-09-065-104-14	Sequence 14, Appl
90	12	60.0	46	3	US-09-065-104-16	Sequence 16, Appl
91	12	60.0	46	3	US-09-065-104-17	Sequence 17, Appl
92	12	60.0	46	3	US-09-065-104-18	Sequence 18, Appl
93	12	60.0	46	3	US-09-065-104-19	Sequence 19, Appl
94	12	60.0	46	3	US-09-065-104-20	Sequence 20, Appl
95	12	60.0	46	3	US-09-065-104-21	Sequence 21, Appl
96	12	60.0	46	3	US-09-065-104-22	Sequence 22, Appl
97	12	60.0	46	3	US-09-065-104-23	Sequence 23, Appl
98	12	60.0	47	3	US-09-065-104-15	Sequence 15, Appl
99	12	60.0	61	4	US-09-513-999C-21606	Sequence 21606, A
100	12	60.0	76	1	US-08-505-691-3	Sequence 3, Appl

QY 3 ATGCGATGCTTATGCTAC 19
|||||
Db 31 ATGCGATGCTTATGCTAC 15

RESULT 4
US-07-982-712-34
; Sequence 34, Application US/07982712
; Patent No. 5436391
; GENERAL INFORMATION:
; APPLICANT: Hideya FUJIMOTO, Kimiko ITOH
; APPLICANT: Mikihiro YAMAMOTO, and KO SHIMAMOTO
; TITLE OF INVENTION: Insecticidal Protein-encoding Gene, Gramineous
; TITLE OF INVENTION: Plants Transformed with the Gene, and Production Thereof
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wenderoth, Lind & Ponack
; STREET: 805 Fifteenth Street, N.W., #700
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 144 mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/982,712
; FILING DATE: 19921127
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:

; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warren M. Cheek, Jr.
; REGISTRATION NUMBER: 33,367
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-8850
; TELEFAX:
; TELEX:
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 58 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-07-982-712-34

Query Match 68.0%; Score 13.6; DB 1; Length 58;
Best Local Similarity 80.0%; Pred. No. 9.7e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GCATGCGATGCTTATGCTAGG 20
|||||
Db 9 GCATGCGATGCTTATGCTAGG 28

RESULT 5
US-07-982-712-35/c
; Sequence 35, Application US/07982712
; Patent No. 5436391
; GENERAL INFORMATION:
; APPLICANT: Hideya FUJIMOTO, Kimiko ITOH
; APPLICANT: Mikihiro YAMAMOTO, and KO SHIMAMOTO
; TITLE OF INVENTION: Insecticidal Protein-encoding Gene, Gramineous
; TITLE OF INVENTION: Plants Transformed with the Gene, and Production Thereof
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wenderoth, Lind & Ponack
; STREET: 805 Fifteenth Street, N.W., #700

; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 144 mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/982,712
; FILING DATE: 19921127
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warren M. Cheek, Jr.
; REGISTRATION NUMBER: 33,367
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-8850
; TELEFAX:
; TELEX:
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 58 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-07-982-712-35

Query Match 68.0%; Score 13.6; DB 1; Length 58;
Best Local Similarity 80.0%; Pred. No. 9.7e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GCATGCGATGCTTATGCTAGG 20
|||||
Db 54 GCATGCGATGCTTATGCTAGG 35

RESULT 6
US-08-053-564-10/c
; Sequence 10, Application US/08053564
; Patent No. 5418153
; GENERAL INFORMATION:
; APPLICANT: MORI, MASASHI
; APPLICANT: OKUNO, TETSURO
; APPLICANT: FURUSAWA, IWAO
; TITLE OF INVENTION: PROCESS FOR PRODUCTION OF
; TITLE OF INVENTION: EXOGENOUS GENE OR ITS PRODUCT
; TITLE OF INVENTION: IN PLANT CELLS NO.2
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sughruue, Mion, Zinn, Macpeak &
; ADDRESSEE: Seas
; STREET: 2100 Pennsylvania Avenue, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20037

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version
; SOFTWARE: #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/053,564
; FILING DATE: 28-APR-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version
; SOFTWARE: #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/053,564
; FILING DATE: 28-APR-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: JP HEI-4-152593
FILING DATE: 28-APR-1992
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)293-7060
TELEFAX: (202)293-7860
TELEX: 649113
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: synthesized oligonucleotide
US-08-053-564-10

Query Match 67.0%; Score 13.4; DB 1; Length 28;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 CATGCATCGATTACG 16
Db 20 CATGCATCGATTCCG 6

RESULT 7
US-08-301-872A-6
Sequence 6, Application US/08301872A
Patent No. 5580734
GENERAL INFORMATION:
APPLICANT: Treco, Douglas A.
APPLICANT: Miller, Allan M.
TITLE OF INVENTION: Library Screening Method
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: MA
COUNTRY: USA
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/301,872A
FILING DATE: 06-SEP-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/739,861
FILING DATE: 02-AUG-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/552,183
FILING DATE: 13-JUL-1990
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: TKT90-01A2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-9540
TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-301-872A-6

Query Match 67.0%; Score 13.4; DB 1; Length 42;

Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 5 GCATGCATTACGTAC 19
Db 12 GGATGCATTACGTAC 26
RESULT 8
US-08-443-372A-6
Sequence 6, Application US/08443372A
Patent No. 5869239
GENERAL INFORMATION:
APPLICANT: Treco, Douglas A.
APPLICANT: Miller, Allan M.
TITLE OF INVENTION: Library Screening Method
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: MA
COUNTRY: USA
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/443,372A
FILING DATE: 17-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/301,872
FILING DATE: 06-SEP-1994
APPLICATION NUMBER: US 07/739,861
FILING DATE: 02-AUG-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/552,183
FILING DATE: 13-JUL-1990
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: TKT90-01A2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-443-372A-6
Query Match 67.0%; Score 13.4; DB 2; Length 42;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 5 GCATGCATTACGTAC 19
Db 12 GGATGCATTACGTAC 26
RESULT 9
US-08-301-872A-7/c
Sequence 7, Application US/08301872A
Patent No. 5580734
GENERAL INFORMATION:
APPLICANT: Treco, Douglas A.
APPLICANT: Miller, Allan M.

;
; TITLE OF INVENTION: Library Screening Method
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS: Brook, Smith & Reynolds, P.C.
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/301,872A
; FILING DATE: 06-SEP-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/739,861
; FILING DATE: 02-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/552,183
; FILING DATE: 13-JUL-1990
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: TKT90-01A2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 70 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-301-872A-7
;
; Query Match 67.0%; Score 13.4; DB 1; Length 70;
; Best Local Similarity 93.3%; Pred. No. 1.3e+03;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
Qy 6 CATGCATTACGTAGC 20
Db 54 CATGCATTACGTAGG 40
;
; RESULT 10
; US-08-301-872A-8
; Sequence 8, Application US/08301872A
; Patent No. 5580734
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Miller, Allan M.
; TITLE OF INVENTION: Library Screening Method
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/301,872A
; FILING DATE: 06-SEP-1994

;
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/739,861
; FILING DATE: 02-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/552,183
; FILING DATE: 13-JUL-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: TKT90-01A2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 70 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-301-872A-8
;
; Query Match 67.0%; Score 13.4; DB 1; Length 70;
; Best Local Similarity 93.3%; Pred. No. 1.3e+03;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
Qy 6 CATGCATTACGTAGC 20
Db 17 CATGCATTACGTAGG 31
;
; RESULT 11
; US-08-443-372A-7/c
; Sequence 7, Application US/08443372A
; Patent No. 5869239
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Miller, Allan M.
; TITLE OF INVENTION: Library Screening Method
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/443,372A
; FILING DATE: 17-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/301,872
; FILING DATE: 06-SEP-1994
; APPLICATION NUMBER: US 07/739,861
; FILING DATE: 02-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/552,183
; FILING DATE: 13-JUL-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: TKT90-01A2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 7:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 70 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-443-372A-7

Query Match 67.0%; Score 13.4; DB 2; Length 70;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 CATGCATTACGTACG 20
DB 54 CATGCATTACGTAGG 40
|||||

RESULT 12
US-08-443-372A-8
; Sequence 8, Application US/08443372A
; Patent No. 5869239
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Miller, Allan M.
; TITLE OF INVENTION: Library Screening Method
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESS: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/443,372A
; FILING DATE: 17-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/301,872
; FILING DATE: 06-SEP-1994
; APPLICATION NUMBER: US 07/739,861
; FILING DATE: 02-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/552,183
; FILING DATE: 13-JUL-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: TKT90-01A2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 70 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-443-372A-8

Query Match 67.0%; Score 13.4; DB 2; Length 70;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 CATGCATTACGTACG 20
DB 17 CATGCATTACGTAGG 31
|||||

RESULT 13
US-09-535-851A-6
; Sequence 6, Application US/09535851A
; Patent No. 6528636
; GENERAL INFORMATION:
; APPLICANT: Battelle Memorial Institute
; TITLE OF INVENTION: A Promoter Sequence of 3-Phosphoglycerate Kinase Gene 2 of Lactic
; Patent No. 6528636
; TITLE OF INVENTION: Producing Fungus Rhizopus Oryzae and a Method of Expressing a Ger
; TITLE OF INVENTION: in Fungal Species
; FILE REFERENCE: E-1891B
; CURRENT APPLICATION NUMBER: US/09/535,851A
; CURRENT FILING DATE: 2000-03-27
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
US-09-535-851A-6

Query Match 66.0%; Score 13.2; DB 4; Length 33;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACGTA 18
DB 4 GCATGCATGTATTTCATA 21
|||||

RESULT 14
US-09-513-999C-27989
; Sequence 27989, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 27989
; LENGTH: 152
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 13
; OTHER INFORMATION: w=a or t
US-09-513-999C-27989

Query Match 66.0%; Score 13.2; DB 4; Length 152;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACGTA 18
DB 108 GAATGCATGCATTAAAGAA 125
|||||

RESULT 15
US-09-313-294A-292/c
; Sequence 292, Application US/09313294A

```
; Patent No. 6476212
; GENERAL INFORMATION:
; APPLICANT: Lalgudi, Raghunath V.
; APPLICANT: Ito, Laura Y.
; APPLICANT: Sherman, Bradley K.
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR
; FILE REFERENCE: PL-0017 US
; CURRENT APPLICATION NUMBER: US/09/313,294A
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 7600
; SOFTWARE: PERL Program
; SEQ ID NO 292
; LENGTH: 177
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. 6476212 700548929H1
; NAME/KEY: unsure
; LOCATION: 2, 6, 75-93
; OTHER INFORMATION: a, t, c, g, or other
US-09-313-294A-292

Query Match      66.0%; Score 13.2; DB 4; Length 177;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACGTA 18
Db 52 GCATGCATGCATGCCATA 35

RESULT 16
US-09-396-196G-4286
; Sequence 4286, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1993-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4286
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-396-196G-4286

Query Match      64.0%; Score 12.8; DB 4; Length 25;
Best Local Similarity 87.5%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 CATGCATGCATTACGT 17
Db 8 CATGCATGCAGTACCT 23

RESULT 17
US-09-396-196G-4287
; Sequence 4287, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
```

```
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4287
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-396-196G-4287

Query Match      64.0%; Score 12.8; DB 4; Length 25;
Best Local Similarity 87.5%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 CATGCATGCATTACGT 17
Db 5 CATGCATGCAGTACCT 20

RESULT 18
US-09-513-999C-12286/c
; Sequence 12286, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 12286
; LENGTH: 182
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-12286

Query Match      64.0%; Score 12.8; DB 4; Length 182;
Best Local Similarity 87.5%; Pred. No. 2.8e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 TGCATGCATTACGTAC 19
Db 88 TTTCATGCATTACGTCC 73

RESULT 19
US-07-720-586-7
; Sequence 7, Application US/07720586
; Patent No. 5232831
; GENERAL INFORMATION:
; APPLICANT: Curt Millman
; APPLICANT: Philip W. Hammond
; TITLE OF INVENTION: NUCLEIC ACIDS PROBES
; TITLE OF INVENTION: TO STREPTOCOCCUS PYOGENES
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
```

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOFTWARE: WordPerfect (Version 5.0)
CURRENT APPLICATION DATA: US/07/720.586
APPLICATION NUMBER: 19910628
FILING DATE: 19910628
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 193/121
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 26
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-720-586-7

Query Match 63.0%; Score 12.6; DB 1; Length 26;
Best Local Similarity 78.9%; Pred. No. 2.9e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTACGTAC 20
Db 3 CTTCATGTATTAGCAGC 21

RESULT 20

US-09-415-522-24/c
Sequence 24, Application US/09415522A
Patent No. 6291860
GENERAL INFORMATION:
APPLICANT: Gaffney, Thomas
APPLICANT: Wendland, Juergen
APPLICANT: Philippsen, Peter
TITLE OF INVENTION: No. 6291660el Fungal Genes Required For No. 6291660mal Growth And
TITLE OF INVENTION: Development
FILE REFERENCE: CGC2046
CURRENT APPLICATION NUMBER: US/09/415.522A
CURRENT FILING DATE: 1999-10-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 24
LENGTH: 65
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Primer
US-09-415-522-24

Query Match 63.0%; Score 12.6; DB 3; Length 65;
Best Local Similarity 78.9%; Pred. No. 3.2e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTAC 19
Db 57 GCTTGCATGCCTTTCATAC 39

RESULT 21

US-09-001-039B-7
Sequence 7, Application US/09001039B

Patent No. 6818439
GENERAL INFORMATION:
APPLICANT: Jolly, Douglas J.
APPLICANT: Chang, Stephen M.W.
APPLICANT: Respass, James G.
APPLICANT: Depolo, Nicholas J.
APPLICANT: Hsu, David Chi-Tang
APPLICANT: Ibanez, Carlos E.
APPLICANT: Greengard, Judith
APPLICANT: Lee, Will
TITLE OF INVENTION: METHODS FOR ADMINISTRATION OF
TITLE OF INVENTION: RECOMBINANTGENE DELIVERY VEHICLES FOR TREATMENT
TITLE OF INVENTION: OF HEMOPHILIA AND OTHER DISORDERS
NUMBER OF SEQUENCES: 84
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed Intellectual Property Law Group
STREET: 701 Fifth Avenue, Suite 6300
CITY: Seattle
STATE: Washington
COUNTRY: U.S.A.
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/001,039B
FILING DATE: 13-JAN-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 1155.005 / 930049.441C4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 77 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-001-039B-7

Query Match 63.0%; Score 12.6; DB 4; Length 77;
Best Local Similarity 78.9%; Pred. No. 3.3e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTAC 19
Db 49 GCATGCACGCTTGGCGTAC 67

RESULT 22

US-08-956-171B-4834/c
Sequence 4834, Application US/08956171B
Patent No. 6593114
GENERAL INFORMATION:
APPLICANT: Charles Kunsch
APPLICANT: Gil H. Choi
APPLICANT: Patrick S. Dillon
APPLICANT: Craig A. Rosen
APPLICANT: Steven C. Barash
APPLICANT: Michael R. Fannon
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
NUMBER OF SEQUENCES: 5256
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
STATE: Maryland

```

; COUNTRY: USA
; ZIP: 20850
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/956,171E
; FILING DATE: 20-Oct-1997
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/009,861
; FILING DATE: January 5, 1996
; APPLICATION NUMBER: 08/781,986
; FILING DATE: January 3, 1997
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark J. Hyman
; REGISTRATION NUMBER: 46,789
; REFERENCE/DOCKET NUMBER: PB248PI
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (240) 314-1224
; TELEFAX: (301) 309-8439
;
; INFORMATION FOR SEQ ID NO: 4834:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 4834:
US-08-956-171E-4834
Query Match 63.0%; Score 12.6; DB 4; Length 108;
Best Local Similarity 78.9%; Pred. No. 3.4e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 CATGCATGCATTACGTACG 20
Db 40 CTTGCATGTATTAGGCACG 22

RESULT 23
US-08-781-986A-4834/c
; Sequence 4834, Application US/08/781986A
; Patent No. 6737248
;
; GENERAL INFORMATION:
; APPLICANT: Charles Kunsch
; TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
; NUMBER OF SEQUENCES: 5255
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/781,986A
; FILING DATE:
; CLASSIFICATION: 435
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Benson, Bob
; REGISTRATION NUMBER: 30,446
; REFERENCE/DOCKET NUMBER: PB248PP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
;
; INFORMATION FOR SEQ ID NO: 4834:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
;
; US-08-781-986A-4834
Query Match 63.0%; Score 12.6; DB 4; Length 108;
Best Local Similarity 78.9%; Pred. No. 3.4e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 CATGCATGCATTACGTACG 20
Db 40 CTTGCATGTATTAGGCACG 22

RESULT 24
US-08-956-171E-4790/c
; Sequence 4790, Application US/08956171E
; Patent No. 6593114
;
; GENERAL INFORMATION:
; APPLICANT: Charles Kunsch
; Gil H. Choi
; Patrick S. Dillon
; Craig A. Rosen
; Steven C. Barash
; Michael R. Fannon
;
; TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
; NUMBER OF SEQUENCES: 5256
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/956,171E
; FILING DATE: 20-Oct-1997
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/009,861
; FILING DATE: January 5, 1996
; APPLICATION NUMBER: 08/781,986
; FILING DATE: January 3, 1997
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark J. Hyman
; REGISTRATION NUMBER: 46,789
; REFERENCE/DOCKET NUMBER: PB248PI
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (240) 314-1224
; TELEFAX: (301) 309-8439
;
; INFORMATION FOR SEQ ID NO: 4790:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 129 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 4790:
US-08-956-171E-4790
Query Match 63.0%; Score 12.6; DB 4; Length 129;
Best Local Similarity 78.9%; Pred. No. 3.4e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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; TOPOLOGY: linear
; MOLECULE TYPE: miscellaneous nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
; IMMEDIATE SOURCE:
; LIBRARY: synthetic
; CLONE: cyse-Lhrev1
US-09-065-104-24

Query Match      62.0%; Score 12.4; DB 3; Length 38;
Best Local Similarity 92.9%; Pred. No. 3.9e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7 ATGCATTACGTACG 20
Db 5 ATGCATTACGTAGG 18

RESULT 33
US-08-816-155B-23/c
; Sequence 23, Application US/08816155B
; Patent No. 5990091
; GENERAL INFORMATION:
; APPLICANT: TARTAGLIA, JAMES
; APPLICANT: COX, WILLIAM I.
; APPLICANT: GETTIG, RUSSELL R.
; APPLICANT: MARTINEZ, HECTOR
; APPLICANT: PAOLETTI, ENZO
; APPLICANT: PINCUS, STEVEN E.
; TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND
; TITLE OF INVENTION: METHODS OF MAKING AND USES THEREOF
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FROMMER LAWRENCE & HAUG LLP
; STREET: 745 FIFTH AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10151
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/816,155B
; FILING DATE: 12-MAR-1997
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: KOWALSKI, THOMAS J.
; REGISTRATION NUMBER: 32,147
; REFERENCE/DOCKET NUMBER: 454310-2990
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-588-0800
; TELEFAX: 212-588-0500
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 59 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-816-155B-23

Query Match      62.0%; Score 12.4; DB 2; Length 59;
Best Local Similarity 92.9%; Pred. No. 4e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 ATGCATGCATTACG 16
Db 47 ATGCATGCATTACG 34

RESULT 34
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US-08-815-809-8/c
; Sequence 8, Application US/08815809
; Patent No. 6004777
; GENERAL INFORMATION:
; APPLICANT: TARTAGLIA, JAMES
; APPLICANT: GOBBEL, SCOTT J.
; APPLICANT: COX, WILLIAM I.
; APPLICANT: GETTIG, RUSSELL R.
; APPLICANT: PINCUS, STEVEN E.
; APPLICANT: PAOLETTI, ENZO
; APPLICANT: JACOBS, BERTAM L.
; TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND METHODS OF
; TITLE OF INVENTION: MAKING AND USES THEREOF
; FILE REFERENCE: 454310-3010
; CURRENT APPLICATION NUMBER: US/08/815,809
; CURRENT FILING DATE: 1997-03-12
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 8
; LENGTH: 59
; TYPE: DNA
; ORGANISM: Vaccinia virus
US-08-815-809-8

Query Match      62.0%; Score 12.4; DB 3; Length 59;
Best Local Similarity 92.9%; Pred. No. 4e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 ATGCATGCATTACG 16
Db 47 ATGCATGCATTACG 34

RESULT 35
US-09-079-587-23/c
; Sequence 23, Application US/09079587
; Patent No. 6130066
; GENERAL INFORMATION:
; APPLICANT: TARTAGLIA, JAMES
; APPLICANT: COX, WILLIAM I.
; APPLICANT: GETTIG, RUSSELL R.
; APPLICANT: MARTINEZ, HECTOR
; APPLICANT: PAOLETTI, ENZO
; APPLICANT: PINCUS, STEVEN E.
; TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND
; TITLE OF INVENTION: METHODS OF MAKING AND USES THEREOF
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FROMMER LAWRENCE & HAUG LLP
; STREET: 745 FIFTH AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10151
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/079,587
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/816,155
; FILING DATE: 12-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: KOWALSKI, THOMAS J.
; REGISTRATION NUMBER: 32,147
; REFERENCE/DOCKET NUMBER: 454310-2990
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-588-0800
; TELEFAX: 212-588-0500
```


INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 59 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-079-587-23

Query Match 62.0%; Score 12.4; DB 3; Length 59;
Best Local Similarity 92.9%; Pred. No. 4e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 ATGCATGCATTAC 16
Db 47 ATGCAAGCATTAC 34

RESULT 36

US-08-600-234-5/c
Sequence 5, Application US/08600234
Patent No. 5807707
GENERAL INFORMATION:
APPLICANT: ANDREWS, David W
APPLICANT: HUGHES, Martin JG
APPLICANT: VASSILAKOS, Akaterini
TITLE OF INVENTION: HIGH EFFICIENCY TRANSLATION OF mRNA
TITLE OF INVENTION: MOLECULES
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sim & McBurney
STREET: Suite 701, 330 University Avenue
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5G 1R7
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/600,234
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/386,921
FILING DATE: 10-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-569
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1163
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 138 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-600-234-5

Query Match 62.0%; Score 12.4; DB 1; Length 138;
Best Local Similarity 92.9%; Pred. No. 4.3e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTAC 15
Db 106 CAAGCATGCATTAC 93

RESULT 37

US-08-386-921-5/c
Sequence 5, Application US/08386921
Patent No. 5824497
GENERAL INFORMATION:
APPLICANT: ANDREWS, David W
APPLICANT: HUGHES, Martin J.G.
APPLICANT: VASSILAKOS, Akaterini
TITLE OF INVENTION: HIGH EFFICIENCY TRANSLATION OF mRNA
TITLE OF INVENTION: MOLECULES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sim & McBurney
STREET: Suite 701, 330 University Avenue
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5G 1R7
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/386,921
FILING DATE: 10-FEB-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-423
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1163
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 138 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-386-921-5

Query Match 62.0%; Score 12.4; DB 1; Length 138;
Best Local Similarity 92.9%; Pred. No. 4.3e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTAC 15
Db 106 CAAGCATGCATTAC 93

RESULT 38

US-08-386-921-13/c
Sequence 13, Application US/08386921
Patent No. 5824497
GENERAL INFORMATION:
APPLICANT: ANDREWS, David W
APPLICANT: HUGHES, Martin J.G.
APPLICANT: VASSILAKOS, Akaterini
TITLE OF INVENTION: HIGH EFFICIENCY TRANSLATION OF mRNA
TITLE OF INVENTION: MOLECULES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sim & McBurney
STREET: Suite 701, 330 University Avenue
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5G 1R7
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/386,921
;; FILING DATE: 10-FEB-1995
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Stewart, Michael I.
;; REGISTRATION NUMBER: 24,973
;; REFERENCE/DOCKET NUMBER: 1038-423
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (416) 595-1155
;; TELEFAX: (416) 595-1163
;; INFORMATION FOR SEQ ID NO: 13:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 141 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-386-921-13

Query Match 62.0%; Score 12.4; DB 1; Length 141;
Best Local Similarity 92.9%; Pred. No. 4.4e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTAC 15
Db 86 CAAGCATGCATTAC 73

RESULT 39
US-08-386-921-11/c
; Sequence 11, Application US/08386921
; Patent No. 5824497
; GENERAL INFORMATION:
; APPLICANT: Andrews, David W.
; APPLICANT: Hughes, Martin J.G.
; APPLICANT: Vassiliakos, Akaterini
; TITLE OF INVENTION: HIGH EFFICIENCY TRANSLATION OF mRNA
; TITLE OF INVENTION: MOLEUCLES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sim & McBurney
; STREET: Suite 701, 330 University Avenue
; CITY: Toronto
; STATE: Ontario
; COUNTRY: Canada
; ZIP: M5G 1R7

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/386,921
FILING DATE: 10-FEB-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I.
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-423
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1163
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 144 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

Query Match 62.0%; Score 12.4; DB 1; Length 144;
Best Local Similarity 92.9%; Pred. No. 4.4e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTAC 15
Db 89 CAAGCATGCATTAC 76

RESULT 40
US-08-386-921-9/c
; Sequence 9, Application US/08386921
; Patent No. 5824497
; GENERAL INFORMATION:
; APPLICANT: Andrews, David W.
; APPLICANT: Hughes, Martin J.G.
; APPLICANT: Vassiliakos, Akaterini
; TITLE OF INVENTION: HIGH EFFICIENCY TRANSLATION OF mRNA
; TITLE OF INVENTION: MOLEUCLES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sim & McBurney
; STREET: Suite 701, 330 University Avenue
; CITY: Toronto
; STATE: Ontario
; COUNTRY: Canada
; ZIP: M5G 1R7

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/386,921
FILING DATE: 10-FEB-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I.
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-423
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1163
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 147 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-386-921-9
Query Match 62.0%; Score 12.4; DB 1; Length 147;
Best Local Similarity 92.9%; Pred. No. 4.4e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTAC 15
Db 92 CAAGCATGCATTAC 79

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Job time : 119.975 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: July 12, 2005, 18:12:19 ; Search time 141.329 Seconds

(without alignments)
222.117 Million cell updates/sec

Title: US-09-540-843-6

Perfect score: 5

Sequence: 1

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Total number of hits satisfying chosen parameters: 7146590

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Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

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Published Applications NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 4	5	100.0	5	14	US-10-122-633-6
C 5	5	100.0	7	13	US-10-027-632-178029
C 6	5	100.0	7	13	US-10-027-632-178043
C 7	5	100.0	7	14	US-10-122-630-3
C 8	5	100.0	7	14	US-10-122-630-7
C 9	5	100.0	7	14	US-10-122-633-3
C 10	5	100.0	7	14	US-10-122-633-7
C 11	5	100.0	7	17	US-10-027-632-178029
C 12	5	100.0	7	17	US-10-027-632-178043
C 13	5	100.0	7	22	US-10-780-507-13
C 14	5	100.0	7	22	US-10-780-507-14
C 15	5	100.0	7	22	US-10-780-507-15
C 16	5	100.0	7	22	US-10-780-507-17
C 17	5	100.0	7	22	US-10-780-507-19
C 18	5	100.0	8	9	US-09-142-593-11
C 19	5	100.0	8	9	US-09-927-886-17
C 20	5	100.0	8	9	US-09-861-014-6
C 21	5	100.0	8	15	US-10-263-159-11
C 22	5	100.0	8	15	US-10-128-560-224
C 23	5	100.0	8	16	US-10-191-698-11
C 24	5	100.0	8	17	US-10-314-578-1138
C 25	5	100.0	8	17	US-10-332-914-5
C 26	5	100.0	8	18	US-10-608-516-17
C 27	5	100.0	8	20	US-10-742-740-3
C 28	5	100.0	8	21	US-10-861-108-9
C 29	5	100.0	9	10	US-09-990-186-623
C 30	5	100.0	9	10	US-09-990-186-2220
C 31	5	100.0	9	10	US-09-990-186-2256
C 32	5	100.0	9	10	US-09-989-994-623
C 33	5	100.0	9	10	US-09-989-994-2220
C 34	5	100.0	9	10	US-09-989-994-2256
C 35	5	100.0	9	14	US-10-122-630-1
C 36	5	100.0	9	14	US-10-122-633-1
C 37	5	100.0	9	14	US-10-096-596-32
C 38	5	100.0	9	17	US-10-378-558A-13
C 39	5	100.0	9	18	US-10-427-629-3
C 40	5	100.0	10	8	US-08-935-377-16
C 41	5	100.0	10	9	US-09-822-250-16
C 42	5	100.0	10	9	US-09-398-399-31
C 43	5	100.0	10	9	US-09-899-381-31
C 44	5	100.0	10	10	US-09-962-602-7
C 45	5	100.0	10	10	US-09-962-602-8
C 46	5	100.0	10	10	US-09-990-186-622
C 47	5	100.0	10	10	US-09-990-186-636
C 48	5	100.0	10	10	US-09-990-186-1338
C 49	5	100.0	10	10	US-09-990-186-1341
C 50	5	100.0	10	10	US-09-990-186-1342
C 51	5	100.0	10	10	US-09-990-186-1343
C 52	5	100.0	10	10	US-09-989-994-622
C 53	5	100.0	10	10	US-09-989-994-636
C 54	5	100.0	10	10	US-09-989-994-1338
C 55	5	100.0	10	10	US-09-989-994-1341
C 56	5	100.0	10	10	US-09-989-994-1342
C 57	5	100.0	10	10	US-09-989-994-1343
C 58	5	100.0	10	10	US-09-910-469-73
C 59	5	100.0	10	10	US-09-910-469-74
C 60	5	100.0	10	13	US-10-033-145-2
C 61	5	100.0	10	13	US-10-033-145-313
C 62	5	100.0	10	13	US-10-033-145-549
C 63	5	100.0	10	13	US-10-033-145-723
C 64	5	100.0	10	13	US-10-033-145-766
C 65	5	100.0	10	13	US-10-033-145-824
C 66	5	100.0	10	13	US-10-033-145-979
C 67	5	100.0	10	13	US-10-033-145-1023
C 68	5	100.0	10	13	US-10-033-145-1052
C 69	5	100.0	10	13	US-10-033-145-1053
C 70	5	100.0	10	13	US-10-033-145-1134
C 71	5	100.0	10	13	US-10-033-145-1255
C 72	5	100.0	10	13	US-10-033-145-1423
C 73	5	100.0	10	13	US-10-033-145-1551
C 74	5	100.0	10	13	US-10-033-145-1566
C 75	5	100.0	10	13	US-10-033-145-1661
C 76	5	100.0	10	13	US-10-033-145-1698
C 77	5	100.0	10	13	US-10-033-145-1699
C 78	5	100.0	10	13	US-10-033-145-1724
C 79	5	100.0	10	13	US-10-033-145-1820
C 80	5	100.0	10	13	US-10-033-145-2048

Sequence 7, Appli
Sequence 3, Appli
Sequence 7, Appli
Sequence 178029,
Sequence 178043,
Sequence 13, Appli
Sequence 14, Appli
Sequence 15, Appli
Sequence 17, Appli
Sequence 19, Appli
Sequence 11, Appli
Sequence 17, Appli
Sequence 6, Appli
Sequence 11, Appli
Sequence 224, App
Sequence 11, Appli
Sequence 1138, Ap
Sequence 5, Appli
Sequence 17, Appli
Sequence 3, Appli
Sequence 9, Appli
Sequence 623, App
Sequence 2220, Ap
Sequence 2256, Ap
Sequence 623, App
Sequence 2220, Ap
Sequence 2256, Ap
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Sequence 8, Appli
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Sequence 74, Appli
Sequence 2, Appli
Sequence 313, App
Sequence 549, App
Sequence 723, App
Sequence 766, App
Sequence 824, App
Sequence 979, App
Sequence 1023, Ap
Sequence 1052, Ap
Sequence 1053, Ap
Sequence 1134, Ap
Sequence 1255, Ap
Sequence 1423, Ap
Sequence 1551, Ap
Sequence 1566, Ap
Sequence 1661, Ap
Sequence 1698, Ap
Sequence 1699, Ap
Sequence 1724, Ap
Sequence 1820, Ap
Sequence 2048, Ap

81 5 100.0 10 13 US-10-033-145-2125 Sequence 2125, Ap
c 82 5 100.0 10 13 US-10-006-542b-5 Sequence 5, Appli
c 83 5 100.0 10 14 US-10-057-726-5 Sequence 5, Appli
c 84 5 100.0 10 15 US-10-290-143-9 Sequence 9, Appli
c 85 5 100.0 10 15 US-10-209-676-34 Sequence 34, Appli
c 86 5 100.0 10 16 US-10-329-465-10 Sequence 10, Appli
c 87 5 100.0 10 16 US-10-329-465-30 Sequence 30, Appli
c 88 5 100.0 10 16 US-10-044-674-88 Sequence 88, Appli
c 89 5 100.0 10 16 US-10-330-627-635 Sequence 635, App
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c 91 5 100.0 10 16 US-10-330-627-676 Sequence 676, App
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c 95 5 100.0 10 16 US-10-330-627-1493 Sequence 1493, Ap
c 96 5 100.0 10 16 US-10-330-627-1531 Sequence 1531, Ap
c 97 5 100.0 10 16 US-10-083-446-174 Sequence 174, App
c 98 5 100.0 10 16 US-10-091-281-78 Sequence 78, Appli
c 99 5 100.0 10 16 US-10-091-281-410 Sequence 410, App
c 100 5 100.0 10 17 US-10-314-578-1122 Sequence 1122, Ap

ALIGNMENTS

RESULT 1
US-10-122-630-4/c
; Sequence 4, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122.630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-4
Query Match 100.0%; Score 5; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.2e+09;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CATAC 5
Db 5 CATAC 1
RESULT 2
US-10-122-630-6
; Sequence 6, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.

; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122.630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-6
Query Match 100.0%; Score 5; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.2e+09;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CATAC 5
Db 1 CATAC 5
RESULT 3
US-10-122-633-4/c
; Sequence 4, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122.633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-4
Query Match 100.0%; Score 5; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.2e+09;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CATAC 5
Db 5 CATAC 1
RESULT 4
US-10-122-633-4

US-10-122-633-6
; Sequence 6, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Vaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-6

Query Match 100.0%; Score 5; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.2e+09;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 1 CATAC 5

RESULT 5
US-10-027-632-178029
; Sequence 178029, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178029
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178029

Query Match 100.0%; Score 5; DB 13; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5

Db 1 CATAC 5

RESULT 6
US-10-027-632-178043
; Sequence 178043, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178043
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178043

Query Match 100.0%; Score 5; DB 13; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 1 CATAC 5

RESULT 7
US-10-122-630-3/c
; Sequence 3, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Vaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 7

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-3

Query Match 100.0%; Score 5; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 6 CATAC 2

RESULT 8

US-10-122-630-7/c
; Sequence 7, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-7

Query Match 100.0%; Score 5; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 6 CATAC 2

RESULT 9

US-10-122-633-3/c
; Sequence 3, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162

; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-3

Query Match 100.0%; Score 5; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 6 CATAC 2

RESULT 10

US-10-122-633-7/c
; Sequence 7, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-7

Query Match 100.0%; Score 5; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 6 CATAC 2

RESULT 11

US-10-027-632-178029
; Sequence 178029, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29

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; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178029
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178029

Query Match          100.0%; Score 5; DB 17; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 CATAC 5
DB      1 CATAC 5

RESULT 12
US-10-027-632-178043
; Sequence 178043, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178043
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178043

Query Match          100.0%; Score 5; DB 17; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 CATAC 5
DB      1 CATAC 5

RESULT 13
US-10-780-507-13
; Sequence 13, Application US/10780507
; Publication No. US20050137387A1
; GENERAL INFORMATION:
; APPLICANT: MULLINS, James I.
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```
; APPLICANT: RODRIGO, Allen G.
; APPLICANT: LEARN, Gerald H.
; APPLICANT: LI, Fusheng
; APPLICANT: NICKLE, David C.
; APPLICANT: JENSEN, Mark A.
; TITLE OF INVENTION: ANCESTRAL AND COT VIRAL SEQUENCES, PROTEINS AND IMMUNOGENIC COMPO
; FILE REFERENCE: 16336-001320US
; CURRENT APPLICATION NUMBER: US/10/780,507
; CURRENT FILING DATE: 2004-02-17
; PRIOR APPLICATION NUMBER: US 10/204,204
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: PCT/US01/05288
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: US 60/183,659
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 60/447,586
; PRIOR FILING DATE: 2003-02-14
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence, maximum likelihood reconstruction of determin
; OTHER INFORMATION: ed ancestral node.
US-10-780-507-13

Query Match          100.0%; Score 5; DB 22; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 CATAC 5
DB      1 CATAC 5

RESULT 14
US-10-780-507-14
; Sequence 14, Application US/10780507
; Publication No. US20050137387A1
; GENERAL INFORMATION:
; APPLICANT: MULLINS, James I.
; APPLICANT: RODRIGO, Allen G.
; APPLICANT: LEARN, Gerald H.
; APPLICANT: LI, Fusheng
; APPLICANT: NICKLE, David C.
; APPLICANT: JENSEN, Mark A.
; TITLE OF INVENTION: ANCESTRAL AND COT VIRAL SEQUENCES, PROTEINS AND IMMUNOGENIC COMPO
; FILE REFERENCE: 16336-001320US
; CURRENT APPLICATION NUMBER: US/10/780,507
; CURRENT FILING DATE: 2004-02-17
; PRIOR APPLICATION NUMBER: US 10/204,204
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: PCT/US01/05288
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: US 60/183,659
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 60/447,586
; PRIOR FILING DATE: 2003-02-14
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence, maximum likelihood reconstruction of determin
; OTHER INFORMATION: ed ancestral node.
US-10-780-507-14

Query Match          100.0%; Score 5; DB 22; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
```

```
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
   |||||
Db 1 CATAC 5

RESULT 15
US-10-780-507-15
; Sequence 15, Application US/10780507
; Publication No. US20050137387A1
; GENERAL INFORMATION:
; APPLICANT: MULLINS, James I.
; APPLICANT: RODRIGO, Allen G.
; APPLICANT: LEARN, Gerald H.
; APPLICANT: LI, Fusheng
; APPLICANT: NICKLE, David C.
; APPLICANT: JENSEN, Mark A.
; TITLE OF INVENTION: ANCESTRAL AND COT VIRAL SEQUENCES, PROTEINS AND IMMUNOGENIC COMPO
; FILE REFERENCE: 16336-001320US
; CURRENT APPLICATION NUMBER: US/10/780,507
; CURRENT FILING DATE: 2004-02-17
; PRIOR APPLICATION NUMBER: US 10/204,204
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: PCT/US01/05288
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: US 60/183,659
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 60/447,586
; PRIOR FILING DATE: 2003-02-14
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; TYPE: DNA
; LENGTH: 7
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence, maximum likelihood reconstruction of determin
; OTHER INFORMATION: ed ancestral node.
US-10-780-507-15

Query Match 100.0%; Score 5; DB 22; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
   |||||
Db 1 CATAC 5

RESULT 16
US-10-780-507-17
; Sequence 17, Application US/10780507
; Publication No. US20050137387A1
; GENERAL INFORMATION:
; APPLICANT: MULLINS, James I.
; APPLICANT: RODRIGO, Allen G.
; APPLICANT: LEARN, Gerald H.
; APPLICANT: LI, Fusheng
; APPLICANT: NICKLE, David C.
; APPLICANT: JENSEN, Mark A.
; TITLE OF INVENTION: ANCESTRAL AND COT VIRAL SEQUENCES, PROTEINS AND IMMUNOGENIC COMPO
; FILE REFERENCE: 16336-001320US
; CURRENT APPLICATION NUMBER: US/10/780,507
; CURRENT FILING DATE: 2004-02-17
; PRIOR APPLICATION NUMBER: US 10/204,204
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: PCT/US01/05288
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: US 60/183,659
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 60/447,586
; PRIOR FILING DATE: 2003-02-14
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; TYPE: DNA
; LENGTH: 7
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence, maximum likelihood reconstruction of determin
; OTHER INFORMATION: ed ancestral node.
US-10-780-507-17

Query Match 100.0%; Score 5; DB 22; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
   |||||
Db 1 CATAC 5

RESULT 17
US-10-780-507-19
; Sequence 19, Application US/10780507
; Publication No. US20050137387A1
; GENERAL INFORMATION:
; APPLICANT: MULLINS, James I.
; APPLICANT: RODRIGO, Allen G.
; APPLICANT: LEARN, Gerald H.
; APPLICANT: LI, Fusheng
; APPLICANT: NICKLE, David C.
; APPLICANT: JENSEN, Mark A.
; TITLE OF INVENTION: ANCESTRAL AND COT VIRAL SEQUENCES, PROTEINS AND IMMUNOGENIC COMPO
; FILE REFERENCE: 16336-001320US
; CURRENT APPLICATION NUMBER: US/10/780,507
; CURRENT FILING DATE: 2004-02-17
; PRIOR APPLICATION NUMBER: US 10/204,204
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: PCT/US01/05288
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: US 60/183,659
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 60/447,586
; PRIOR FILING DATE: 2003-02-14
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence, maximum likelihood reconstruction of determin
; OTHER INFORMATION: ed ancestral node.
US-10-780-507-19

Query Match 100.0%; Score 5; DB 22; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
   |||||
Db 1 CATAC 5

RESULT 18
US-09-142-593-11
; Sequence 11, Application US/09142593
; Patent No. US20020016975A1
; GENERAL INFORMATION:
; APPLICANT: HACKETT ET AL.
```

```
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence, most parsimonious reconstruction of determine
; OTHER INFORMATION: d ancestral node.
US-10-780-507-17

Query Match 100.0%; Score 5; DB 22; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
   |||||
Db 1 CATAC 5

RESULT 17
US-10-780-507-19
; Sequence 19, Application US/10780507
; Publication No. US20050137387A1
; GENERAL INFORMATION:
; APPLICANT: MULLINS, James I.
; APPLICANT: RODRIGO, Allen G.
; APPLICANT: LEARN, Gerald H.
; APPLICANT: LI, Fusheng
; APPLICANT: NICKLE, David C.
; APPLICANT: JENSEN, Mark A.
; TITLE OF INVENTION: ANCESTRAL AND COT VIRAL SEQUENCES, PROTEINS AND IMMUNOGENIC COMPO
; FILE REFERENCE: 16336-001320US
; CURRENT APPLICATION NUMBER: US/10/780,507
; CURRENT FILING DATE: 2004-02-17
; PRIOR APPLICATION NUMBER: US 10/204,204
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: PCT/US01/05288
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: US 60/183,659
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 60/447,586
; PRIOR FILING DATE: 2003-02-14
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence, maximum likelihood reconstruction of determin
; OTHER INFORMATION: ed ancestral node.
US-10-780-507-19

Query Match 100.0%; Score 5; DB 22; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
   |||||
Db 1 CATAC 5

RESULT 18
US-09-142-593-11
; Sequence 11, Application US/09142593
; Patent No. US20020016975A1
; GENERAL INFORMATION:
; APPLICANT: HACKETT ET AL.
```



```
/ TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
/ TITLE OF INVENTION: INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
/ NUMBER OF SEQUENCES: 63
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.
/ STREET: 119 NORTH FOURTH STREET, SUITE 203
/ CITY: MINNEAPOLIS
/ STATE: MINNESOTA
/ COUNTRY: USA
/ ZIP: 55402
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/142,593
/ FILING DATE: 10-SEP-1998
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/040,664
/ FILING DATE: 11-MAR-1997
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/053,868
/ FILING DATE: 28-JUL-1997
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/065,303
/ FILING DATE: 13-NOV-1997
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US98/04687
/ FILING DATE: 11-MAR-1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: SANDBERG, VICTORIA A.
/ REGISTRATION NUMBER: 41,287
/ REFERENCE/DOCKET NUMBER: 110.00450101
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 612-305-1226
/ TELEFAX: 612-305-1228
/ INFORMATION FOR SEQ ID NO: 11:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 8 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-09-142-593-11

Query Match 100.0%; Score 5; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 2 CATAC 6

RESULT 19
US-09-927-886-17
/ Sequence 17, Application US/09927886
/ Patent No. US20020103152A1
/ GENERAL INFORMATION:
/ APPLICANT: Kay, Mark A.
/ TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a
/ FILE REFERENCE: STAN-160CIP
/ CURRENT APPLICATION NUMBER: US/09/927,886
/ CURRENT FILING DATE: 2001-08-10
/ PRIOR APPLICATION NUMBER: 60/162,279
/ PRIOR FILING DATE: 1999-10-28
/ PRIOR APPLICATION NUMBER: 09/440,301
/ PRIOR FILING DATE: 1999-11-17
/ NUMBER OF SEQ ID NOS: 19

/ TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
/ TITLE OF INVENTION: INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
/ NUMBER OF SEQUENCES: 63
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.
/ STREET: 119 NORTH FOURTH STREET, SUITE 203
/ CITY: MINNEAPOLIS
/ STATE: MINNESOTA
/ COUNTRY: USA
/ ZIP: 55402
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk

Query Match 100.0%; Score 5; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 2 CATAC 6

RESULT 21
US-10-263-159-11
/ Sequence 11, Application US/10263159
/ Publication No. US20030124668A1
/ GENERAL INFORMATION:
/ APPLICANT: HACKETT ET AL.
/ TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
/ INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
/ NUMBER OF SEQUENCES: 63
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.
/ STREET: 119 NORTH FOURTH STREET, SUITE 203
/ CITY: MINNEAPOLIS
/ STATE: MINNESOTA
/ COUNTRY: USA
/ ZIP: 55402
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk

Query Match 100.0%; Score 5; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 2 CATAC 6

RESULT 20
US-09-861-014-6
/ Sequence 6, Application US/09861014
/ Patent No. US20020115216A1
/ GENERAL INFORMATION:
/ APPLICANT: Steer, Clifford
/ APPLICANT: Kren, Betsy
/ APPLICANT: Linehan-Scleers, Cheryle
/ APPLICANT: Mcivor, R.
/ APPLICANT: Hackett, Perry
/ TITLE OF INVENTION: Composition for Delivery of Compounds to Cells
/ FILE REFERENCE: 110.01330101
/ CURRENT APPLICATION NUMBER: US/09/861,014
/ CURRENT FILING DATE: 2001-05-19
/ PRIOR APPLICATION NUMBER: US 60/206,002
/ PRIOR FILING DATE: 2000-05-19
/ PRIOR APPLICATION NUMBER: US 60/285,121
/ PRIOR FILING DATE: 2001-04-20
/ NUMBER OF SEQ ID NOS: 10
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 6
/ LENGTH: 8
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Direct repeat sequence
/ US-09-861-014-6

Query Match 100.0%; Score 5; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 2 CATAC 6

RESULT 21
US-10-263-159-11
/ Sequence 11, Application US/10263159
/ Publication No. US20030124668A1
/ GENERAL INFORMATION:
/ APPLICANT: HACKETT ET AL.
/ TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
/ INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
/ NUMBER OF SEQUENCES: 63
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.
/ STREET: 119 NORTH FOURTH STREET, SUITE 203
/ CITY: MINNEAPOLIS
/ STATE: MINNESOTA
/ COUNTRY: USA
/ ZIP: 55402
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/263,159
FILING DATE: 02-Oct-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/142,593
FILING DATE: 10-SEP-1998
APPLICATION NUMBER: 60/040,664
FILING DATE: 11-MAR-1997
APPLICATION NUMBER: 60/053,868
FILING DATE: 28-JUL-1997
APPLICATION NUMBER: 60/065,303
FILING DATE: 13-NOV-1997
APPLICATION NUMBER: PCT/US98/04687
FILING DATE: 11-MAR-1998
ATTORNEY/AGENT INFORMATION:
NAME: SANDBERG, VICTORIA A.
REGISTRATION NUMBER: 41,287
REFERENCE/DOCKET NUMBER: 110.00450101
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1226
TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-10-263-159-11

Query Match 100.0%; Score 5; DB 15; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 2 CATAC 6

RESULT 22
US-10-128-560-224/c
Sequence 224, Application US/10128560
Publication No. US20030134272A1
GENERAL INFORMATION:
APPLICANT: Universiteit Gent
TITLE OF INVENTION: Improved mutation analysis of the NF1 Gene
FILE REFERENCE: UG-005-PCT
CURRENT APPLICATION NUMBER: US/10/128,560
CURRENT FILING DATE: 2002-04-18
PRIOR APPLICATION NUMBER: EP 99870216.1
PRIOR FILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: EP 00870122.9
PRIOR FILING DATE: 2000-06-05
PRIOR APPLICATION NUMBER: UG 60/211,929
PRIOR FILING DATE: 2000-06-16
NUMBER OF SEQ ID NOS: 264
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 224
LENGTH: 8
TYPE: DNA
ORGANISM: Homo sapiens
US-10-128-560-224

Query Match 100.0%; Score 5; DB 15; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5

Db 7 CATAC 3
RESULT 23
US-10-191-698-11
Sequence 11, Application US/10191698
Publication No. US20030154500A1
GENERAL INFORMATION:
APPLICANT: Hackett, P. B.
APPLICANT: Clark, Karl J.
APPLICANT: Ivics, Zoltan
APPLICANT: Izsvak, Zsuzsanna
APPLICANT: Scott C. Fahrenkrug
TITLE OF INVENTION: NUCLEIC ACID TRANSFER VECTOR FOR THE INTRODUCTION OF
TITLE OF INVENTION: NUCLEIC ACID INTO THE DNA OF A CELL
FILE REFERENCE: 110.00870102
CURRENT APPLICATION NUMBER: US/10/191,698
CURRENT FILING DATE: 2002-07-09
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 11
LENGTH: 8
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: A portion of a
OTHER INFORMATION: direct repeat sequence
US-10-191-698-11

Query Match 100.0%; Score 5; DB 16; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 2 CATAC 6

RESULT 24
US-10-314-578-1138/c
Sequence 1138, Application US/10314578
Publication No. US20030212026A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1138
LENGTH: 8
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1138

Query Match 100.0%; Score 5; DB 17; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5

Db 7 CATAC 3

RESULT 25
US-10-332-914-5/c
; Sequence 5, Application US/10332914
; Publication No. US20040025200A1
; GENERAL INFORMATION:
; APPLICANT: Unigrop Ltd
; TITLE OF INVENTION: Molecular Control of Transgene Segregation and Its
; FILE OF INVENTION: Escape by a Recoverable Block of Function (RBF) System
; FILE REFERENCE: A0420PC-
; CURRENT APPLICATION NUMBER: US/10/332,914
; CURRENT FILING DATE: 2003-01-14
; PRIOR APPLICATION NUMBER: US 09/517,543
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: PCT/F101/00670
; PRIOR FILING DATE: 2001-07-16
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 8
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: -
; OTHER INFORMATION: 5' exon/intron boundary site
US-10-332-914-5

Query Match 100.0%; Score 5; DB 17; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
|||||

Db 7 CATAC 3

RESULT 26
US-10-608-516-17
; Sequence 17, Application US/10608516
; Publication No. US20040092471A1
; GENERAL INFORMATION:
; APPLICANT: Kay, Mark A.
; TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a
; FILE OF INVENTION: Sleeping Beauty Transposon System
; FILE REFERENCE: STAN-160CIP
; CURRENT APPLICATION NUMBER: US/10/608,516
; CURRENT FILING DATE: 2003-06-26
; PRIOR APPLICATION NUMBER: US/09/927,886
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/162,279
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: 09/440,301
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: transposon repeat sequence
US-10-608-516-17

Query Match 100.0%; Score 5; DB 18; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
|||||

Db 2 CATAC 6

RESULT 27
US-10-742-740-3
; Sequence 3, Application US/10742740
; Publication No. US20040234504A1
; GENERAL INFORMATION:
; APPLICANT: VERMA, Inder M.
; APPLICANT: TISCORNIA, Gustavo
; TITLE OF INVENTION: SINGER, Oded
; FILE OF INVENTION: METHODS OF INHIBITING GENE EXPRESSION BY
; FILE REFERENCE: RNA INTERFERENCE
; CURRENT APPLICATION NUMBER: US/10/742,740
; CURRENT FILING DATE: 2003-12-18
; PRIOR APPLICATION NUMBER: 60/434,523
; PRIOR FILING DATE: 2002-12-18
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-742-740-3

Query Match 100.0%; Score 5; DB 20; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
|||||

Db 2 CATAC 6

RESULT 28
US-10-861-108-9
; Sequence 9, Application US/10861108
; Publication No. US2005003542A1
; GENERAL INFORMATION:
; APPLICANT: Kay, Mark A.
; APPLICANT: Yant, Stephen
; TITLE OF INVENTION: Enhanced Sleeping Beauty Transposon
; FILE OF INVENTION: System and Methods for Using the Same
; FILE REFERENCE: STAN-307
; CURRENT APPLICATION NUMBER: US/10/861,108
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: 60/476,266
; PRIOR FILING DATE: 2003-06-04
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 8
; TYPE: DNA
; ORGANISM: salmonid
US-10-861-108-9

Query Match 100.0%; Score 5; DB 21; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
|||||

Db 2 CATAC 6

RESULT 29
US-09-990-186-623
; Sequence 623, Application US/09990186
; Publication No. US20030068675A1
; GENERAL INFORMATION:

; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 623
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-990-186-623

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 2 CATAC 6

RESULT 30

US-09-990-186-2220/c
; Sequence 2220, Application US/09990186
; Publication No. US20030068675A1
; GENERAL INFORMATION:

; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2220
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-990-186-2220

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 8 CATAC 4

RESULT 31

US-09-990-186-2256/c
; Sequence 2256, Application US/09990186
; Publication No. US20030068675A1
; GENERAL INFORMATION:

; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2256
; LENGTH: 9
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-990-186-2256

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 8 CATAC 4

RESULT 32

US-09-989-994-623
; Sequence 623, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:

; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 623
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-994-623

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 2 CATAC 6

RESULT 33

US-09-989-994-2220/c
; Sequence 2220, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:

; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2220
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-994-2220

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5

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Db      8 CATAC 4      |||||
RESULT 34
US-09-989-994-2256/c
; Sequence 2256, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2256
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-994-2256
Query Match      100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATAC 5      |||||
Db      8 CATAC 4      |||||
RESULT 35
US-10-122-630-1/c
; Sequence 1, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-1
Query Match      100.0%; Score 5; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATAC 5      |||||
Db      8 CATAC 4      |||||
RESULT 36
US-10-122-633-1/c
; Sequence 1, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-1
Query Match      100.0%; Score 5; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATAC 5      |||||
Db      7 CATAC 3      |||||
RESULT 37
US-10-096-596-32
; Sequence 32, Application US/10096596
; Publication No. US20030049653A1
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth W
; APPLICANT: Vogelstein, Bert
; APPLICANT: Velculescu, Victor
; APPLICANT: Zhang, Lin
; TITLE OF INVENTION: METHOD FOR SERIAL ANALYSIS OF GENE EXPRESSION
; FILE REFERENCE: 001107.00242
; CURRENT APPLICATION NUMBER: US/10/096,596
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 08/527,154
; PRIOR FILING DATE: 1995-09-12
; PRIOR APPLICATION NUMBER: US 08/544,861
; PRIOR FILING DATE: 1995-10-18
; PRIOR APPLICATION NUMBER: US 09/107,228
; PRIOR FILING DATE: 1998-06-30
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-096-596-32
Query Match      100.0%; Score 5; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATAC 5      |||||
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Db          3 CATAC 7

RESULT 38
US-10-378-558A-13/c
; Sequence 13, Application US/10378558A
; Publication No. US20040009576A1
; GENERAL INFORMATION:
; APPLICANT: Kalscheuer, Rainer
; APPLICANT: Steinbuechel, Alexander
; APPLICANT: Voelker, Toni
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODIFICATION OF LIPID BIOSYNTHESIS
; FILE REFERENCE: MONS:026US2
; CURRENT APPLICATION NUMBER: US/10/378,558A
; CURRENT FILING DATE: 2003-03-03
; PRIOR APPLICATION NUMBER: 60/360,774
; PRIOR FILING DATE: 2002-03-01
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Acinetobacter calcoaceticus
US-10-378-558A-13

Query Match      100.0%; Score 5; DB 17; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATAC 5
Db      7 CATAC 3

RESULT 39
US-10-427-629-3/c
; Sequence 3, Application US/10427629
; Publication No. US20040078834A1
; GENERAL INFORMATION:
; APPLICANT: Croce, Carlo M.
; TITLE OF INVENTION: Human Chronic Lymphocytic Leukemia Modeled In Mouse By Targeted
; FILE REFERENCE: TJU2851
; CURRENT APPLICATION NUMBER: US/10/427,629
; CURRENT FILING DATE: 2003-04-29
; PRIOR APPLICATION NUMBER: 60/376,464
; PRIOR FILING DATE: 2002-04-29
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-427-629-3

Query Match      100.0%; Score 5; DB 18; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATAC 5
Db      6 CATAC 2

RESULT 40
US-08-935-377-16
; Sequence 16, Application US/08935377
; Publication No. US20030133917A1
; GENERAL INFORMATION:
; APPLICANT: Zauderer, Maurice
; TITLE OF INVENTION: T Cells Specific for Target Antigens and
; TITLE OF INVENTION: Vaccines Based Thereon
; NUMBER OF SEQUENCES: 37
```

```
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C
; STREET: 1100 New York Avenue, N.W., Suite 600
; CITY: Washington
; STATE: D. C.
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/935,377
; FILING DATE: 22-SEP-1997
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Steffe, Eric K
; REGISTRATION NUMBER: 36,688
; REFERENCE/DOCKET NUMBER: 1821.0010000/EKS/CMB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-935-377-16

Query Match      100.0%; Score 5; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.1e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATAC 5
Db      6 CATAC 10

Search completed: July 13, 2005, 04:11:20
Job time : 142.329 secs
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: July 12, 2005, 15:44:02 ; Search time 29.4937 seconds
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277.395 Million cell updates/sec

Title: US-09-540-843-6

Perfect score: 5

Sequence: 1 catasc 5

Scoring table: IDENTITY_NUC

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Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 1407054

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

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6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 2	5	100.0	5	3	US-09-048-927-4
C 3	5	100.0	5	3	US-09-498-851-20
C 4	5	100.0	7	1	US-08-615-170-10
C 5	5	100.0	7	1	US-08-615-170-12
C 6	5	100.0	7	3	US-09-048-927-3
C 7	5	100.0	8	4	US-09-142-593-11
C 8	5	100.0	8	4	US-09-927-886-17
C 9	5	100.0	9	2	US-08-583-276-1
C 10	5	100.0	9	3	US-08-646-789A-8
C 11	5	100.0	9	3	US-08-646-789A-80
C 12	5	100.0	9	3	US-09-048-927-1
C 13	5	100.0	9	3	US-09-319-648-68
C 14	5	100.0	9	4	US-10-096-596-32
C 15	5	100.0	10	1	US-09-263-790-37
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C 18	5	100.0	10	1	US-08-250-951-1
C 19	5	100.0	10	1	US-08-232-233-1
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C 21	5	100.0	10	1	US-08-351-748-23
C 22	5	100.0	10	1	US-08-351-748-25
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C 24	5	100.0	10	1	US-08-430-536A-23
C 25	5	100.0	10	1	US-08-430-536A-25
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C 27	5	100.0	10	2	US-08-703-601-1
C 28	5	100.0	5	28	US-08-684-547-23
C 29	5	100.0	5	29	US-08-684-547-25
C 30	5	100.0	5	30	US-08-469-318-174
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C 32	5	100.0	5	32	US-08-478-087-45
C 33	5	100.0	5	33	US-09-063-450-24
C 34	5	100.0	5	34	US-09-063-450-33
C 35	5	100.0	5	35	US-09-123-638-1
C 36	5	100.0	5	36	US-08-646-895-30
C 37	5	100.0	5	37	US-08-875-533-31
C 38	5	100.0	5	38	US-08-446-872A-174
C 39	5	100.0	5	39	US-09-724-753-1
C 40	5	100.0	5	40	US-08-762-327A-174
C 41	5	100.0	5	41	US-09-475-947A-23
C 42	5	100.0	5	42	US-09-427-834A-34
C 43	5	100.0	5	43	US-09-445-388A-7
C 44	5	100.0	5	44	US-09-508-753B-252
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C 47	5	100.0	5	47	US-09-508-753B-278
C 48	5	100.0	5	48	US-09-508-753B-294
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C 73	5	100.0	5	73	5198343-3
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C 88	5	100.0	11	4	US-09-259-006-1
C 89	5	100.0	11	4	US-09-320-080-1
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C 92	5	100.0	12	1	US-08-035-928-5
C 93	5	100.0	12	1	US-08-035-928-7
C 94	5	100.0	12	1	US-08-586-120-9
C 95	5	100.0	12	1	US-08-254-355-9
C 96	5	100.0	12	1	US-08-297-808A-3
C 97	5	100.0	12	1	US-08-379-259-18
C 98	5	100.0	12	1	US-08-608-881A-21
C 99	5	100.0	12	1	US-08-667-023-5
C 100	5	100.0	12	2	US-08-441-887A-59

Sequence 23, Appl
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Sequence 31, Appl
Sequence 43, Appl
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Sequence 1, Appl
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Sequence 19, Appl
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Sequence 82, Appl
Sequence 151, Appl
Sequence 9, Appl
Sequence 4, Appl
Sequence 4, Appl
Sequence 21, Appl
Sequence 34, Appl
Sequence 33, Appl
Sequence 125, Appl
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Sequence 8, Appl
Sequence 18, Appl
Sequence 5, Appl
Sequence 7, Appl
Sequence 9, Appl
Sequence 3, Appl
Sequence 18, Appl
Sequence 21, Appl
Sequence 5, Appl
Sequence 59, Appl

ALIGNMENTS

RESULT 1

US-08-855-372B-20/c
; Sequence 20, Application US/08855372B
; Patent No. 6090549

GENERAL INFORMATION:

; APPLICANT: Mirzabekov, Andrei D

; APPLICANT: Parinov, Sergei V

; APPLICANT: Barsky, Victor E

; APPLICANT: Kirillov, Eugene V

; APPLICANT: Dubiley, Svetlana A

; TITLE OF INVENTION: Use of Continuous/Contiguous Stacking Hybridization as a Diagnostic Tool

; NUMBER OF SEQUENCES: 88

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: CHERSKOV & FLAYNIK

; STREET: 20 N. Wacker Drive

; CITY: Chicago

; STATE: Illinois

; COUNTRY: United States

; ZIP: 60606

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.50 inch, 1.4 MB storage

; COMPUTER: PC

; OPERATING SYSTEM: Microsoft Windows 98

; SOFTWARE: Wordperfect

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/855,372B

; FILING DATE: 13-MAY-97

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: U.S. 08/587,332

; FILING DATE: 16-JAN-96

; ATTORNEY/AGENT INFORMATION:

; NAME: Cherskov, Michael J.

; REGISTRATION NUMBER: 33,664

; REFERENCE/DOCKET NUMBER: ANL-IN-95-027

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (312) 621-1330

; TELEFAX: (312) 621-0088

; INFORMATION FOR SEQ ID NO: 20:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 5 bases

; TYPE: nucleic acid

; STRANDEDNESS: No. 6090549 Applicable

; TOPOLOGY: linear

; MOLECULE TYPE: Genomic DNA

; HYPOTHETICAL: yes

US-08-855-372B-20

Query Match 100.0%; Score 5; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 3e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5

Db 5 CATAC 1

RESULT 2

US-09-048-927-4/c

; Sequence 4, Application US/09048927

; Patent No. 6147056

; GENERAL INFORMATION:

; APPLICANT: Gilchrist, Barbara A.

; APPLICANT: Yaar, Mina

; APPLICANT: Eller, Mark

; TITLE OF INVENTION: Use of Locally Applied DNA Fragments

; FILE REFERENCE: BU94-68A2

; CURRENT APPLICATION NUMBER: US/09/048,927

; CURRENT FILING DATE: 1998-03-26

Query Match 100.0%; Score 5; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 3e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
DB 5 CATAC 1

RESULT 4
US-08-615-170-10
; Sequence 10, Application US/08615170
; Patent No. 5776776
; GENERAL INFORMATION:
; APPLICANT: ORDAHL, Charles P.
; APPLICANT: AZAKIE, Anthony
; APPLICANT: MAR, Janet H.
; APPLICANT: FARRANCE, Iain K.G.
; APPLICANT: HALL, Deborah E.
; APPLICANT: STEWART, Alexandre F.R.
; APPLICANT: LARKIN, Sarah B.
; TITLE OF INVENTION: DTEF-1 ISOFORMS AND USES THEREOF
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: Steuart Street Tower, One Market Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94105-1493
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/615,170
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/01526
; FILING DATE: 06-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/191,493
; FILING DATE: 04-FEB-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Heslin, James M.
; REGISTRATION NUMBER: 29,541
; REFERENCE/DOCKET NUMBER: 2307U-053120
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..7
; OTHER INFORMATION: /standard name= "Sph-II binding
; OTHER INFORMATION: site in SV40"
US-08-615-170-10

Query Match 100.0%; Score 5; DB 1; Length 7;
Best Local Similarity 100.0%; Pred. No. 2.1e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5

Db 1 CATAC 5
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
DB 1 CATAC 5

RESULT 5
US-08-615-170-12
; Sequence 12, Application US/08615170
; Patent No. 5776776
; GENERAL INFORMATION:
; APPLICANT: ORDAHL, Charles P.
; APPLICANT: AZAKIE, Anthony
; APPLICANT: MAR, Janet H.
; APPLICANT: FARRANCE, Iain K.G.
; APPLICANT: HALL, Deborah E.
; APPLICANT: STEWART, Alexandre F.R.
; APPLICANT: LARKIN, Sarah B.
; TITLE OF INVENTION: DTEF-1 ISOFORMS AND USES THEREOF
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: Steuart Street Tower, One Market Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94105-1493
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/615,170
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/01526
; FILING DATE: 06-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/191,493
; FILING DATE: 04-FEB-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Heslin, James M.
; REGISTRATION NUMBER: 29,541
; REFERENCE/DOCKET NUMBER: 2307U-053120
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..7
; OTHER INFORMATION: /standard name= "Rat beta-Myosin
; OTHER INFORMATION: Heavy Chain M-CAT binding element"
US-08-615-170-12

Query Match 100.0%; Score 5; DB 1; Length 7;
Best Local Similarity 100.0%; Pred. No. 2.1e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
DB 1 CATAC 5

RESULT 6

US-09-048-927-3/c
; Sequence 3, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaav, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-3

Query Match 100.0%; Score 5; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 2.1e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 6 CATAC 2

RESULT 7
US-09-142-593-11
; Sequence 11, Application US/09142593
; Patent No. 6489458
; GENERAL INFORMATION:
; APPLICANT: HACKETT ET AL.
; TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
; INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MUEITING, RAASCH & GEBHARDT, P.A.
; STREET: 119 NORTH FOURTH STREET, SUITE 203
; CITY: MINNEAPOLIS
; STATE: MINNESOTA
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/142,593
; FILING DATE: 10-SEP-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/040,664
; FILING DATE: 11-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/053,868
; FILING DATE: 28-JUL-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/065,303
; FILING DATE: 13-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US98/04687
; FILING DATE: 11-MAR-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDBERG, VICTORIA A.

; REGISTRATION NUMBER: 41,287
; REFERENCE/DOCKET NUMBER: 110.00450101
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1226
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-142-593-11

Query Match 100.0%; Score 5; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 1.9e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 2 CATAC 6

RESULT 8
US-09-927-886-17
; Sequence 17, Application US/09927886
; Patent No. 6613752
; GENERAL INFORMATION:
; APPLICANT: Kay, Mark A.
; APPLICANT: Yant, Stephen
; TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a
; Sleeping Beauty Transposon System
; FILE REFERENCE: STAN-160CIP
; CURRENT APPLICATION NUMBER: US/09/927,886
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/162,279
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: 09/440,301
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: transposon repeat sequence
US-09-927-886-17

Query Match 100.0%; Score 5; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 1.9e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 2 CATAC 6

RESULT 9
US-08-583-276-1/c
; Sequence 1, Application US/08583276
; Patent No. 5837536
; GENERAL INFORMATION:
; APPLICANT: McDonagh, Kevin T.
; APPLICANT: Nienhuis, Arthur
; APPLICANT: Tolstoshev, Paul
; TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
; MULTIDRUG RESISTANCE GENES AND IMPROVED
; SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
; ADDRESSEE: Cecchi & Stewart

```
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07068
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: DW4.V2
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/583,276
; FILING DATE: 05-JAN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/332,444
; FILING DATE: 31-OCT-1994
; APPLICATION NUMBER: 07/887,712
; FILING DATE: 22-MAY-1992
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 bases
; TYPE: nucleic acid
; STRANDEDNESS: singular
; TOPOLOGY: linear
; MOLECULE TYPE:
; DESCRIPTION: Genomic DNA
;
; US-08-583-276-1
;
; Query Match 100.0%; Score 5; DB 2; Length 9;
; Best Local Similarity 100.0%; Pred. No. 1.7e+08;
; Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 1 CATAC 5
; Db 8 CATAC 4
;
; RESULT 10
; US-08-646-789A-8/c
; Sequence 8, Application US/08646789A
; Patent No. 6022863
; GENERAL INFORMATION:
; APPLICANT: Peyman, John A.
; TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/646,789A
; FILING DATE: May 21, 1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6523-006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
;
; US-08-646-789A-80
;
; Query Match 100.0%; Score 5; DB 3; Length 9;
; Best Local Similarity 100.0%; Pred. No. 1.7e+08;
; Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 1 CATAC 5
; Db 5 CATAC 1
;
; RESULT 12
; US-09-048-927-1/c
; Sequence 1, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Vaar, Mina
; APPLICANT: Eller, Mark
```

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
;
; US-08-646-789A-8
;
; Query Match 100.0%; Score 5; DB 3; Length 9;
; Best Local Similarity 100.0%; Pred. No. 1.7e+08;
; Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 1 CATAC 5
; Db 5 CATAC 1
;
; RESULT 11
; US-08-646-789A-80/c
; Sequence 80, Application US/08646789A
; Patent No. 6022863
; GENERAL INFORMATION:
; APPLICANT: Peyman, John A.
; TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/646,789A
; FILING DATE: May 21, 1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6523-006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
;
; US-08-646-789A-80
;
; Query Match 100.0%; Score 5; DB 3; Length 9;
; Best Local Similarity 100.0%; Pred. No. 1.7e+08;
; Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 1 CATAC 5
; Db 5 CATAC 1
;
; RESULT 12
; US-09-048-927-1/c
; Sequence 1, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Vaar, Mina
; APPLICANT: Eller, Mark
```

```
/ TITLE OF INVENTION: Use of Locally Applied DNA Fragments
/ FILE REFERENCE: BU94-68A2
/ CURRENT APPLICATION NUMBER: US/09/048,927
/ CURRENT FILING DATE: 1998-03-26
/ EARLIER APPLICATION NUMBER: 08/952,697
/ EARLIER FILING DATE: 1996-06-03
/ EARLIER APPLICATION NUMBER: 08/467,012
/ EARLIER FILING DATE: 1995-06-06
/ NUMBER OF SEQ ID NOS: 4
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 1
/ LENGTH: 9
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: DNA Fragment
US-09-048-927-1

Query Match      100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATAC 5
Db      7 CATAC 3

RESULT 13
US-09-319-648-68
/ Sequence 68, Application US/09319648
/ Patent No. 6451530
/ GENERAL INFORMATION:
/ APPLICANT: Hawkins, Mary
/ TITLE OF INVENTION: Fluorescent Nucleotide Analog Hairpin
/ NUMBER OF SEQUENCES: 68
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Townsend and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, Eighth Floor
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94111-3834
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/319,648
/ FILING DATE: 30-Jul-1999
/ CLASSIFICATION: <unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/032,844
/ FILING DATE: 13-DEC-1996
/ APPLICATION NUMBER: WO PCT/US97/22448
/ FILING DATE: 10-DEC-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fang, Carol
/ REGISTRATION NUMBER: 48,631
/ REFERENCE/DOCKET NUMBER: 015280-288100US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 68:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 9 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ SEQUENCE DESCRIPTION: SEQ ID NO: 68:
US-09-319-648-68
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Query Match      100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATAC 5
Db      3 CATAC 7

RESULT 14
US-10-096-596-32
/ Sequence 32, Application US/10096596
/ Patent No. 6746845
/ GENERAL INFORMATION:
/ APPLICANT: Kinzler, Kenneth W
/ APPLICANT: Vogelstein, Bert
/ APPLICANT: Velculescu, Victor
/ APPLICANT: Zhang, Lin
/ TITLE OF INVENTION: METHOD FOR SERIAL ANALYSIS OF GENE EXPRESSION
/ FILE REFERENCE: 001107.00242
/ CURRENT APPLICATION NUMBER: US/10/096,596
/ CURRENT FILING DATE: 2002-03-14
/ PRIOR APPLICATION NUMBER: US 08/527,154
/ PRIOR FILING DATE: 1995-09-12
/ PRIOR APPLICATION NUMBER: US 08/544,861
/ PRIOR FILING DATE: 1995-10-18
/ PRIOR APPLICATION NUMBER: US 09/107,228
/ PRIOR FILING DATE: 1998-06-30
/ NUMBER OF SEQ ID NOS: 41
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 32
/ LENGTH: 9
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-096-596-32

Query Match      100.0%; Score 5; DB 4; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATAC 5
Db      3 CATAC 7

RESULT 15
US-09-263-790-37/c
/ Sequence 37, Application US/09263790
/ Patent No. PP12997
/ GENERAL INFORMATION:
/ APPLICANT: Nirmal Kumar PATRA et al.
/ TITLE OF INVENTION: JAL FALLAVI, WATER LOGGING TOLERANT CYMBOPOGON WINTERIANUS
/ FILE REFERENCE: 2761-0120P
/ CURRENT APPLICATION NUMBER: US/09/263,790
/ CURRENT FILING DATE: 1999-03-05
/ NUMBER OF SEQ ID NOS: 38
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 37
/ LENGTH: 10
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ OTHER INFORMATION: Opt 19 Primer - Used to develop the unique RAPD profiles of the
/ OTHER INFORMATION: plant Jal Fallavi
US-09-263-790-37

Query Match      100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATAC 5
Db      1 CATAC 5
```

Db 9 CATAC 5

RESULT 16
US-09-721-777-19/c
; Sequence 19, Application US/09721777
; Patent No. Pp13279
; GENERAL INFORMATION:
; APPLICANT: Khanuja, Suman Preet Singh
; APPLICANT: Kumar, Sushil
; APPLICANT: Shasany, Ajit Kumar
; APPLICANT: Dhawan, Sunita
; APPLICANT: Datokar, Mahendra Pandurang
; APPLICANT: Naqvi, Ali Arif
; APPLICANT: Dhawan, Om Parkash
; APPLICANT: Singh, Anil Kumar
; APPLICANT: Patra, Nirmal Kumar
; APPLICANT: Bahl, Janak Raj
; APPLICANT: Baneal, Ram Prakash
; TITLE OF INVENTION: Mint Plant Named Saksham
; FILE REFERENCE: 033166-002
; CURRENT APPLICATION NUMBER: US/09/721,777
; CURRENT FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: OPT primer
US-09-721-777-19

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 9 CATAC 5

RESULT 17
US-08-335-565A-27/c
; Sequence 27, Application US/08335565A
; Patent No. 5527671
; GENERAL INFORMATION:
; APPLICANT: Li, Kenning
; APPLICANT: Rouse, Douglas L.
; APPLICANT: German, Thomas L.
; TITLE OF INVENTION: ASSAY FOR VERTICILLIUM DAHLIAE
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles and Brady
; STREET: 1 South Pinckney St., PO BOX 2113
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53701-2113
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/335,565A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Seay, Nicholas J
; REGISTRATION NUMBER: 27,386
; REFERENCE/DOCKET NUMBER: 960296.93065
; TELECOMMUNICATION INFORMATION:

Query Match 100.0%; Score 5; DB 1; Length 10;

; TELEPHONE: 608-251-5000
; TELEFAX: 608-251-9166
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-335-565A-27

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 10 CATAC 6

RESULT 18
US-08-250-951-1
; Sequence 1, Application US/08250951
; Patent No. 5532129
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
; TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE- AND FLUOROPHORE-CONTAINING
; TITLE OF INVENTION: POLYNUCLEOTIDES AND METHODS OF THEIR USE
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bingham & Fitting
; STREET: 12526 High Bluff Drive, Suite 300
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92130
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/250,951
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/790,262
; FILING DATE: 07-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: HEL0002P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-792-3680
; TELEFAX: 619-792-8477
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: /note= "Donor chromophore at the 3'
; OTHER INFORMATION: T nucleotide"
US-08-250-951-1

Query Match 100.0%; Score 5; DB 1; Length 10;

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Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 5; Conservative 0;

Qy 1 CATAC 5
Db 4 CATAC 8

RESULT 19
US-08-232-233-1
; Sequence 1, Application US/08232233
; Patent No. 5565322
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
; TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE- AND FLUOROPHORE-
; TITLE OF INVENTION: CONTAINING POLYNUCLEOTIDES AND METHODS OF THEIR USE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232.233
; FILING DATE: May 4, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/790,262
; FILING DATE: No. 5565322ember 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, David B.
; REGISTRATION NUMBER: 31,125
; REFERENCE/DOCKET NUMBER: 207/170
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: /note="Donor chromophore at the 3' T nucleotide"
US-08-232-233-1

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 4 CATAC 8

RESULT 20
US-08-222-177A-422
; Sequence 422, Application US/08222177A
; Patent No. 5582979
```

```
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-da)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 422:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-222-177A-422

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 4 CATAC 8

RESULT 21
US-08-351-748-23/c
; Sequence 23, Application US/08351748
; Patent No. 5593672
; GENERAL INFORMATION:
; APPLICANT: Liang, Peng
; APPLICANT: Pardoe, Arthur B.
; APPLICANT: Bianchi, Cesario F.
; TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
; TITLE OF INVENTION: MESSENGER RNAs
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
```

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/351,748
;; FILING DATE:
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/033,084
;; FILING DATE: 11-MAR-1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Kaplan Esq., Warren A.
;; REGISTRATION NUMBER: 34,199
;; REFERENCE/DOCKET NUMBER: 181411-008
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (617) 248-5000
;; TELEFAX: (617) 248-4000
;; INFORMATION FOR SEQ ID NO: 23:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 10 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; US-08-351-748-23

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0;

Qy 1 CATAC 5
Db 5 CATAC 1

RESULT 22
US-08-351-748-25/c
; Sequence 25, Application US/08351748
; Patent No. 559672
; GENERAL INFORMATION:
; APPLICANT: Liang, Peng
; APPLICANT: Pardee, Arthur B.
; APPLICANT: Bianchi, Cesario F.
; TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
; TITLE OF INVENTION: MESSENGER RNAs
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/351,748
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/033,084
; FILING DATE: 11-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Kaplan Esq., Warren A.
; REGISTRATION NUMBER: 34,199
; REFERENCE/DOCKET NUMBER: 181411-008
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248-4000
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs

;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; US-08-351-748-25

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0;

Qy 1 CATAC 5
Db 5 CATAC 1

RESULT 23
US-08-202-927-25
; Sequence 25, Application US/08202927
; Patent No. 5646126
; GENERAL INFORMATION:
; APPLICANT: Cheng, Yung-chi
; APPLICANT: Lukhtanov, Eugeny A.
; APPLICANT: Meyer Jr., Rich B.
; APPLICANT: Pai, Balakrishna S.
; APPLICANT: Reed, Michael W.
; APPLICANT: Zhou, James H.
; TITLE OF INVENTION: Modified Oligonucleotide Duplexes Having
; TITLE OF INVENTION: Anticancer Activity
; NUMBER OF SEQUENCES: 70
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klein & Szekeres
; STREET: 4199 Campus Drive, Suite 700
; CITY: Irvine
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92715
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/202,927
; FILING DATE: 28-FEB-1994
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Szekeres, Gabor L.
; REGISTRATION NUMBER: 28,675
; REFERENCE/DOCKET NUMBER: 491-07-PA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (714) 854-5502
; TELEFAX: (714) 854-4897
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 10
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "Nucleotide 10 has a tail which comprises
; OTHER INFORMATION: a cholesterol moiety which has its A ring linked to
; OTHER INFORMATION: the 3'-phosphate through a carbonyl group attached
; OTHER INFORMATION: to the ring nitrogen of a moiety derived from
; OTHER INFORMATION: 4-hydroxy-2-hydroxymethylpyrrolidine (see
; OTHER INFORMATION: formula 3)."
; US-08-202-927-25

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 1 CATAC 5

RESULT 24

US-08-430-536A-23/c
; Sequence 23, Application US/08430536A
; Patent No. 5665547
; GENERAL INFORMATION:
; APPLICANT: Liang, Peng
; TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
; TITLE OF INVENTION: MESSENGER RNAs
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/430,536A
; FILING DATE: 25-APR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Herschbach Ph.D., Brenda M.
; REGISTRATION NUMBER: 39,223
; REFERENCE/DOCKET NUMBER: 181411-012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248-4000
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-430-536A-23

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 5 CATAC 1

RESULT 25

US-08-430-536A-25/c
; Sequence 25, Application US/08430536A
; Patent No. 5665547
; GENERAL INFORMATION:
; APPLICANT: Liang, Peng
; TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
; TITLE OF INVENTION: MESSENGER RNAs
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston

STATE: MA
COUNTRY: USA
ZIP: 02109-2891
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/430,536A
FILING DATE: 25-APR-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Herschbach Ph.D., Brenda M.
REGISTRATION NUMBER: 39,223
REFERENCE/DOCKET NUMBER: 181411-012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-5000
TELEFAX: (617) 248-4000
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-430-536A-25

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 5 CATAC 1

RESULT 26

US-08-171-718-45/c
; Sequence 45, Application US/08171718
; Patent No. 5707863
; GENERAL INFORMATION:
; APPLICANT: Trofatter, James A.
; APPLICANT: MacCollin, Mia M.
; APPLICANT: Gusella, James P.
; TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
; TITLE OF INVENTION: Thereof
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, N.W., Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/171,718
FILING DATE: 22-DEC-1993
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/108,808
FILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/026,063


```
; FILING DATE: 04-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Anne
; REGISTRATION NUMBER: 36,463
; REFERENCE/DOCKET NUMBER: 0609.3850003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-171-718-45

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
Db 5 CATAC 1

RESULT 27
US-08-703-601-1
; Sequence 1, Application US/08703601
; Patent No. 5849489
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
; TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE-
; TITLE OF INVENTION: AND FLUOROPHORE-CONTAINING
; TITLE OF INVENTION: POLYNUCLEOTIDES AND METHODS OF
; TITLE OF INVENTION: THEIR USE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/703,601
; FILING DATE: August 23, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/232,233
; FILING DATE: May 5, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Kappos, John
; REGISTRATION NUMBER: 37,861
; REFERENCE/DOCKET NUMBER: 221/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO

; FILING DATE: 04-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Anne
; REGISTRATION NUMBER: 36,463
; REFERENCE/DOCKET NUMBER: 0609.3850003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO

; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: /note-"Donor chromophore at the 3' T
; OTHER INFORMATION: nucleotide"
US-08-703-601-1

Query Match 100.0%; Score 5; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
Db 4 CATAC 8

RESULT 28
US-08-684-547-23/c
; Sequence 23, Application US/08684547
; Patent No. 5965409
; GENERAL INFORMATION:
; APPLICANT: Pardee Ph.D., Arthur B.
; APPLICANT: Liang Ph.D., Peng
; TITLE OF INVENTION: SYSTEM FOR COMPARING LEVELS OR AMOUNTS
; TITLE OF INVENTION: OF MRNAs
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/684,547
; FILING DATE: 19-JUL-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Jarrell Ph.D., Brenda H.
; REGISTRATION NUMBER: 39,223
; REFERENCE/DOCKET NUMBER: 0181411-0013
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248-4000
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
;
US-08-684-547-23

Query Match 100.0%; Score 5; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
Db 5 CATAC 1

RESULT 29
US-08-684-547-25/c
; Sequence 25, Application US/08684547
; Patent No. 5965409
; GENERAL INFORMATION:
```

APPLICANT: Pardee Ph.D., Arthur B.
APPLICANT: Liang Ph.D., Peng
TITLE OF INVENTION: SYSTEM FOR COMPARING LEVELS OR AMOUNTS
TITLE OF INVENTION: OF mRNAs
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHOATE, HALL & STEWART
STREET: 53 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2891
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/684,547
FILING DATE: 19-JUL-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jarrell Ph.D., Brenda H.
REGISTRATION NUMBER: 39,223
REFERENCE/DOCKET NUMBER: 0181411-0013
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-5000
TELEFAX: (617) 248-4000
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-684-547-25

Query Match 100.0%; Score 5; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 5 CATAC 1

RESULT 30
US-08-469-318-174/c
Sequence 174, Application US/08469318
Patent No. 602535
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Multivariant IL-3 Hematopoiesis Fusion
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 196
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,318
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/446,872
FILING DATE:
INFORMATION FOR SEQ ID NO: 174:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-469-318-174

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 10 CATAC 6

RESULT 31
US-08-468-609A-174/c
Sequence 174, Application US/08468609A
Patent No. 6030812
GENERAL INFORMATION:
APPLICANT: Abrams, Mark A.
APPLICANT: Bauer, S. C.
APPLICANT: Braford-Goldberg, Sarah R.
APPLICANT: Caparon, Maire H.
APPLICANT: Easton, Alan M.
APPLICANT: Klein, Barbara K.
APPLICANT: McKearn, John P.
APPLICANT: Olin, Peter O.
APPLICANT: Paik, Kumun
APPLICANT: Thomas, John W.
TITLE OF INVENTION: Fusion Proteins Comprising Multiply Mutated Interleukin-3 (IL-3)
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
ADDRESSEE: Corporate Patent Dept.
STREET: P. O. Box 5110
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60680
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,609A
FILING DATE: 06-JUN-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/192,325
FILING DATE: 14-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Dennis A.
REGISTRATION NUMBER: 34,547
REFERENCE/DOCKET NUMBER: C-2790/3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314)737-6986
TELEFAX: (314)737-6972
INFORMATION FOR SEQ ID NO: 174:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-468-609A-174

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5

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Db      10 CATAC 6

; TITLE OF INVENTION: Clusters Within a Set of Sequences
; FILE REFERENCE: 77001.002
; CURRENT APPLICATION NUMBER: US/09/063,450
; CURRENT FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:example
; OTHER INFORMATION: sequence illustrating a computational methodology
US-09-063-450-24

Query Match      100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATAC 5
Db      1 CATAC 5

RESULT 34
US-09-063-450-33/c
; Sequence 33, Application US/09063450
; Patent No. 6109776
; GENERAL INFORMATION:
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Method and System for Computationally Identifying
; TITLE OF INVENTION: Clusters Within a Set of Sequences
; FILE REFERENCE: 77001.002
; CURRENT APPLICATION NUMBER: US/09/063,450
; CURRENT FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:example
; OTHER INFORMATION: sequence illustrating a computational methodology
US-09-063-450-33

Query Match      100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATAC 5
Db      7 CATAC 3

RESULT 35
US-09-123-638-1
; Sequence 1, Application US/09123638
; Patent No. 6162603
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
; TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE-
; TITLE OF INVENTION: AND FLUOROPHORE-CONTAINING
; TITLE OF INVENTION: POLYNUCLEOTIDES AND METHODS OF
; TITLE OF INVENTION: THEIR USE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA

; TITLE OF INVENTION: Method and System for Computationally Identifying
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Db      10 CATAC 6

; TITLE OF INVENTION: Clusters Within a Set of Sequences
; FILE REFERENCE: 77001.002
; CURRENT APPLICATION NUMBER: US/09/063,450
; CURRENT FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:example
; OTHER INFORMATION: sequence illustrating a computational methodology
US-09-063-450-24

Query Match      100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATAC 5
Db      1 CATAC 5

RESULT 34
US-09-063-450-33/c
; Sequence 33, Application US/09063450
; Patent No. 6109776
; GENERAL INFORMATION:
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Method and System for Computationally Identifying
; TITLE OF INVENTION: Clusters Within a Set of Sequences
; FILE REFERENCE: 77001.002
; CURRENT APPLICATION NUMBER: US/09/063,450
; CURRENT FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:example
; OTHER INFORMATION: sequence illustrating a computational methodology
US-09-063-450-33

Query Match      100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATAC 5
Db      7 CATAC 3

RESULT 35
US-09-123-638-1
; Sequence 1, Application US/09123638
; Patent No. 6162603
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
; TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE-
; TITLE OF INVENTION: AND FLUOROPHORE-CONTAINING
; TITLE OF INVENTION: POLYNUCLEOTIDES AND METHODS OF
; TITLE OF INVENTION: THEIR USE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA

; TITLE OF INVENTION: Method and System for Computationally Identifying
```

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Db      10 CATAC 6

; TITLE OF INVENTION: Clusters Within a Set of Sequences
; FILE REFERENCE: 77001.002
; CURRENT APPLICATION NUMBER: US/09/063,450
; CURRENT FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:example
; OTHER INFORMATION: sequence illustrating a computational methodology
US-09-063-450-24

Query Match      100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATAC 5
Db      1 CATAC 5

RESULT 34
US-09-063-450-33/c
; Sequence 33, Application US/09063450
; Patent No. 6109776
; GENERAL INFORMATION:
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Method and System for Computationally Identifying
; TITLE OF INVENTION: Clusters Within a Set of Sequences
; FILE REFERENCE: 77001.002
; CURRENT APPLICATION NUMBER: US/09/063,450
; CURRENT FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:example
; OTHER INFORMATION: sequence illustrating a computational methodology
US-09-063-450-33

Query Match      100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATAC 5
Db      7 CATAC 3

RESULT 35
US-09-123-638-1
; Sequence 1, Application US/09123638
; Patent No. 6162603
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
; TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE-
; TITLE OF INVENTION: AND FLUOROPHORE-CONTAINING
; TITLE OF INVENTION: POLYNUCLEOTIDES AND METHODS OF
; TITLE OF INVENTION: THEIR USE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA

; TITLE OF INVENTION: Method and System for Computationally Identifying
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; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA: US/09/123,638
; FILING DATE:
; APPLICATION NUMBER: 08/703,601
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; FILING DATE:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kappos, John
; REGISTRATION NUMBER: 37,861
; REFERENCE/DOCKET NUMBER: 221/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: /note-"Donor chromophore at the 3' T
; OTHER INFORMATION: nucleotide"
; US-09-123-638-1

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5
Db 4 CATAc 8

RESULT 36
US-08-646-695-30/c
; Sequence 30, Application US/08646695
; Patent No. 6168943
; GENERAL INFORMATION:
; APPLICANT: Rose, John K.
; TITLE OF INVENTION: RECOMBINANT VESICULOVIRUSES AND THEIR
; TITLE OF INVENTION: USES
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/646,695
; FILING DATE: On Even Date Herewith
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Misrock, S. Leslie
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;
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6523-008
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: RNA
; FEATURE:
; NAME/KEY: polyA
; LOCATION: 10
; US-08-646-695-30

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5
Db 10 CATAc 6

RESULT 37
US-08-875-533-31/c
; Sequence 31, Application US/08875533
; Patent No. 6254870
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: No. 6254870e1 c-MPL Ligands
; NUMBER OF SEQUENCES: 73
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (SPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,533
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/383,035
; FILING DATE: 04-FEB-1995
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; US-08-875-533-31

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5
Db 5 CATAc 1

RESULT 38
US-08-446-872A-174/c
; Sequence 174, Application US/08446872A
; Patent No. 6361977
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
```

APPLICANT: Braford-Goldberg, Sarah R.
APPLICANT: Caparon, Mairé H.
APPLICANT: Easton, Alan M.
APPLICANT: Klein, Barbara K.
APPLICANT: McKearn, John P.
APPLICANT: Oline, Peter O.
APPLICANT: Paik, Kunnan
APPLICANT: Thomas, John W.
TITLE OF INVENTION: Multivariant IL-3 Hematopoiesis
TITLE OF INVENTION: Fusion Protein
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
ADDRESSEE: Corporate Patent Dept.
STREET: P. O. Box 5110
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60680
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/446,872A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/192,325
FILING DATE: 14-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Dennis A.
REGISTRATION NUMBER: 34,547
REFERENCE/DOCKET NUMBER: C-2790/1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 737-6986
TELEFAX: (314) 737-6972
INFORMATION FOR SEQ ID NO: 174:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-446-872A-174

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 10 CATAC 6

RESULT 39
US-09-724-753-1
Sequence 1, Application US/09724753
Patent No. 6416953
GENERAL INFORMATION:
APPLICANT: Michael J. Heller
TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
STRUCTURES BASED ON CHROMOPHORE-
AND FLUOROPHORE-CONTAINING
POLYNUCLEOTIDES AND METHODS OF
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California

COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/724,753
FILING DATE: 28-No. 6416953-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/123,638
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Kappos, John
REGISTRATION NUMBER: 37,861
REFERENCE/DOCKET NUMBER: 221/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FEATURE:
NAME/KEY: misc_feature
LOCATION: 10
OTHER INFORMATION: /note="Donor chromophore at the 3' T
nucleotide"
US-09-724-753-1
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CATAC 5
Db 4 CATAC 8
RESULT 40
US-08-762-227A-174/c
Sequence 174, Application US/08762227A
Patent No. 6436387
GENERAL INFORMATION:
APPLICANT: Abrams, Mark A.
Bauer, S. C.
Braford-Goldberg, Sarah R.
Caparon, Mairé H.
Easton, Alan M.
Klein, Barbara K.
McKearn, John P.
Oline, Peter O.
Paik, Kunnan
Thomas, John W.
TITLE OF INVENTION: Multivariant IL-3 Hematopoiesis
STRUCTURES BASED ON CHROMOPHORE-
AND FLUOROPHORE-CONTAINING
POLYNUCLEOTIDES AND METHODS OF
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
ADDRESSEE: Corporate Patent Dept.
STREET: P. O. Box 5110
CITY: Chicago
STATE: Illinois
COUNTRY: USA

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;
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/762,227A
; FILING DATE: 09-Dec-1996
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/192,325
; FILING DATE: 14-FEB-1994
; APPLICATION NUMBER: US 08/446,872
; FILING DATE: 06-JUN-1995
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C-2790/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
;
; INFORMATION FOR SEQ ID NO: 174:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 174:
US-08-762-227A-174
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Query Match          100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred.No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      1 CATAC 5
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Db      10 CATAC 6
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Search completed: July 12, 2005, 21:41:30
Job time : 29.4937 secs
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GenCore version 5.1.1.6
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OM nucleic - nucleic search, using sw model

Run on: July 12, 2005, 15:44:02 ; Search time 53.0886 Seconds
(without alignments)
277.395 Million cell updates/sec

Title: US-09-540-843-1

Perfect score: 9

Sequence: 1 gagtatgag 9

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 1407054

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Issued Patents NA.*

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3: /cgn2_6/ptodata/1/ina/6A_COMB.seq.*

4: /cgn2_6/ptodata/1/ina/6B_COMB.seq.*

5: /cgn2_6/ptodata/1/ina/PTUS_COMB.seq.*

6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 3	9	100.0	15	US-09-049-190-7	Sequence 7, Appli
C 4	9	100.0	15	US-08-932-140C-6	Sequence 6, Appli
C 5	9	100.0	15	US-08-932-140C-7	Sequence 7, Appli
C 6	9	100.0	15	US-09-486-623C-6	Sequence 6, Appli
C 7	9	100.0	15	US-09-486-623C-7	Sequence 7, Appli
C 8	9	100.0	17	US-08-758-306-365	Sequence 365, App
C 9	9	100.0	17	US-08-758-306-367	Sequence 367, App
C 10	9	100.0	17	US-08-758-306-369	Sequence 369, App
C 11	9	100.0	17	US-08-758-306-371	Sequence 371, App
C 12	9	100.0	17	US-09-866-108A-2750	Sequence 2750, App
C 13	9	100.0	17	US-09-866-108A-2751	Sequence 2751, App
C 14	9	100.0	17	US-09-866-108A-2752	Sequence 2752, App
C 15	9	100.0	17	US-09-866-108A-2753	Sequence 2753, App
C 16	9	100.0	17	US-09-866-108A-2754	Sequence 2754, App
C 17	9	100.0	17	US-09-866-108A-2755	Sequence 2755, App
C 18	9	100.0	17	US-09-866-108A-2756	Sequence 2756, App
C 19	9	100.0	17	US-09-866-108A-2757	Sequence 2757, App
C 20	9	100.0	17	US-09-866-108A-2758	Sequence 2758, App
C 21	9	100.0	20	US-09-287-796-101	Sequence 101, App
C 22	9	100.0	20	US-09-287-796-102	Sequence 102, App
C 23	9	100.0	20	US-09-130-616-101	Sequence 101, App
C 24	9	100.0	20	US-09-130-616-102	Sequence 102, App
C 25	9	100.0	20	US-09-105-058C-15	Sequence 15, Appli
C 26	9	100.0	20	US-09-851-082-29	Sequence 29, Appli
C 27	9	100.0	20	US-09-517-467B-84	Sequence 84, Appli

C 28	9	100.0	20	US-09-422-978-6551	Sequence 6551, Ap
C 29	9	100.0	20	US-09-774-809-101	Sequence 101, App
C 30	9	100.0	20	US-09-774-809-102	Sequence 102, App
C 31	9	100.0	21	US-09-422-978-8965	Sequence 8965, Ap
C 32	9	100.0	21	5455029-26	Patent No. 5455029
C 33	9	100.0	21	5455029-26	Patent No. 5455029
C 34	9	100.0	21	US-09-088-274-8	Sequence 8, Appli
C 35	9	100.0	24	US-09-245-248B-23	Sequence 23, Appli
C 36	9	100.0	25	US-09-866-108A-5679	Sequence 5679, Ap
C 37	9	100.0	25	US-09-866-108A-5680	Sequence 5680, Ap
C 38	9	100.0	25	US-09-866-108A-5681	Sequence 5681, Ap
C 39	9	100.0	25	US-09-866-108A-5682	Sequence 5682, Ap
C 40	9	100.0	25	US-09-866-108A-5683	Sequence 5683, Ap
C 41	9	100.0	25	US-09-866-108A-5684	Sequence 5684, Ap
C 42	9	100.0	25	US-09-866-108A-5685	Sequence 5685, Ap
C 43	9	100.0	25	US-09-866-108A-5686	Sequence 5686, Ap
C 44	9	100.0	25	US-09-866-108A-5687	Sequence 5687, Ap
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C 46	9	100.0	25	US-09-866-108A-5689	Sequence 5689, Ap
C 47	9	100.0	25	US-09-866-108A-5690	Sequence 5690, Ap
C 48	9	100.0	25	US-09-866-108A-5691	Sequence 5691, Ap
C 49	9	100.0	25	US-09-866-108A-5692	Sequence 5692, Ap
C 50	9	100.0	25	US-09-866-108A-5693	Sequence 5693, Ap
C 51	9	100.0	25	US-09-866-108A-5694	Sequence 5694, Ap
C 52	9	100.0	25	US-09-866-108A-5695	Sequence 5695, Ap
C 53	9	100.0	25	US-09-396-196G-2411	Sequence 2411, Ap
C 54	9	100.0	25	US-09-396-196G-36106	Sequence 36106, A
C 55	9	100.0	25	US-09-396-196G-44517	Sequence 44517, A
C 56	9	100.0	25	US-09-396-196G-44518	Sequence 44518, A
C 57	9	100.0	25	US-09-396-196G-45378	Sequence 45378, A
C 58	9	100.0	25	US-09-396-196G-68099	Sequence 68099, A
C 59	9	100.0	25	US-09-396-196G-68100	Sequence 68100, A
C 60	9	100.0	25	US-09-396-196G-79028	Sequence 79028, A
C 61	9	100.0	25	US-09-396-196G-79029	Sequence 79029, A
C 62	9	100.0	25	US-09-396-196G-79030	Sequence 79030, A
C 63	9	100.0	25	US-09-396-196G-85792	Sequence 85792, A
C 64	9	100.0	25	US-09-396-196G-109088	Sequence 109088, A
C 65	9	100.0	25	US-09-396-196G-116862	Sequence 116862, A
C 66	9	100.0	25	US-09-396-196G-119309	Sequence 119309, A
C 67	9	100.0	26	US-09-417-485D-32	Sequence 32, Appli
C 68	9	100.0	27	US-08-932-140C-21	Sequence 21, Appli
C 69	9	100.0	27	US-09-486-623C-28	Sequence 28, Appli
C 70	9	100.0	28	US-09-031-006-4	Sequence 4, Appli
C 71	9	100.0	28	US-09-922-271-4	Sequence 4, Appli
C 72	9	100.0	29	US-09-231-077D-1	Sequence 1, Appli
C 73	9	100.0	32	US-09-938-391A-9	Sequence 9, Appli
C 74	9	100.0	34	US-08-211-718-14	Sequence 14, Appli
C 75	9	100.0	36	US-09-383-143-8	Sequence 8, Appli
C 76	9	100.0	36	US-09-383-143-36	Sequence 36, Appli
C 77	9	100.0	37	US-08-029-030-1	Sequence 1, Appli
C 78	9	100.0	37	5455029-3	Patent No. 5455029
C 79	9	100.0	37	5455029-3	Patent No. 5455029
C 80	9	100.0	38	US-09-194-613-18	Sequence 18, Appli
C 81	9	100.0	38	US-09-383-143-30	Sequence 30, Appli
C 82	9	100.0	39	US-08-980-032-4	Sequence 4, Appli
C 83	9	100.0	39	US-09-477-871-4	Sequence 4, Appli
C 84	9	100.0	39	US-09-383-143-9	Sequence 9, Appli
C 85	9	100.0	40	US-08-425-684-27	Sequence 27, Appli
C 86	9	100.0	40	US-08-425-684-34	Sequence 34, Appli
C 87	9	100.0	40	US-08-675-502-27	Sequence 27, Appli
C 88	9	100.0	40	US-08-675-502-34	Sequence 34, Appli
C 89	9	100.0	40	US-09-245-802-27	Sequence 27, Appli
C 90	9	100.0	40	US-09-245-802-34	Sequence 34, Appli
C 91	9	100.0	40	US-09-485-147A-40	Sequence 40, Appli
C 92	9	100.0	41	US-08-980-032-1	Sequence 1, Appli
C 93	9	100.0	41	US-09-477-871-1	Sequence 1, Appli
C 94	9	100.0	42	US-09-383-143-10	Sequence 10, Appli
C 95	9	100.0	43	US-08-881-094-35	Sequence 35, Appli
C 96	9	100.0	46	US-09-383-143-11	Sequence 11, Appli
C 97	9	100.0	46	US-08-152-721B-7	Sequence 7, Appli
C 98	9	100.0	47	US-09-422-978-2734	Sequence 2734, Ap
C 99	9	100.0	54	US-09-383-143-12	Sequence 12, Appli
C 100	9	100.0	60	US-08-484-192-174	Sequence 174, App

ALIGNMENTS

RESULT 1
US-09-048-927-1
; Sequence 1, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-1

Query Match 100.0%; Score 9; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.8e+08;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
DB 1 GAGTATGAG 9

RESULT 2
US-09-049-190-6/c
; Sequence 6, Application US/09049190
; Patent No. 6190866
; GENERAL INFORMATION:
; APPLICANT: Nielsen et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having
; TITLE OF INVENTION: Antibacterial Activity
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/049,190
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell
; REGISTRATION NUMBER: 28,937
; REFERENCE/DOCKET NUMBER: ISIS-2560
; TELECOMMUNICATION INFORMATION:
; & No. 6190866ris LLP

TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 3
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone

FEATURE: Modified-site
LOCATION: 14
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine
OTHER INFORMATION: backbone
US-09-049-190-6

Query Match 100.0%; Score 9; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 11 GAGTATGAG 3

RESULT 3

US-09-049-190-7/c
Sequence 7, Application US/09049190
Patent No. 6190866
GENERAL INFORMATION:
APPLICANT: Nielsen et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having
TITLE OF INVENTION: Antibacterial Activity
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6190866ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/049,190
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell
REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: ISIS-2560
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 3
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine
OTHER INFORMATION: backbone
US-09-049-190-7

Query Match 100.0%; Score 9; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 14 GAGTATGAG 6

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RESULT 4
US-08-932-140C-6/C
; Sequence 6, Application US/08932140C
; Patent No. 6300318
; GENERAL INFORMATION:
; APPLICANT: Nielsen et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having
; TITLE OF INVENTION: Antibacterial Activity
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No. 6300318vis LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/932.140C
; FILING DATE: September 16, 1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell
; REGISTRATION NUMBER: 28,937
; REFERENCE/DOCKET NUMBER: ISIS-2560
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 3
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 4
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 5
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 6
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
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; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 9
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 10
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 11
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 12
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-
; OTHER INFORMATION: lysine-glycine backbone
US-08-932-140C-6

Query Match 100.0%; Score 9; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 11 GAGTATGAG 3

RESULT 5
US-08-932-140C-7/C
; Sequence 7, Application US/08932140C
; Patent No. 6300318
; GENERAL INFORMATION:
; APPLICANT: Nielsen et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having
; TITLE OF INVENTION: Antibacterial Activity
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No. 6300318vis LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/932.140C
; FILING DATE: September 16, 1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
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ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell
REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: ISIS-2560
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 3
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
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FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-
OTHER INFORMATION: lysine-glycine backbone
US-08-932-140C-7
Query Match 100.0%; Score 9; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GAGTATGAG 9
Db 14 GAGTATGAG 6
RESULT 6
US-09-486-623C-6/c
Sequence 6, Application US/09486623C
Patent No. 6734161
GENERAL INFORMATION:
APPLICANT: Nielsen, Peter E.
TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity
FILE REFERENCE: ISIS-3292
CURRENT APPLICATION NUMBER: US/09/486,623C
CURRENT FILING DATE: 2000-07-06
PRIOR APPLICATION NUMBER: 08/932,140
PRIOR FILING DATE: 1997-09-16
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn version 3.2
SEQ ID NO 6
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic construct
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(14)
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
FEATURE:
NAME/KEY: misc feature
LOCATION: (15)..(15)
OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine
US-09-486-623C-6
Query Match 100.0%; Score 9; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GAGTATGAG 9
Db 11 GAGTATGAG 3
RESULT 7
US-09-486-623C-7/c
Sequence 7, Application US/09486623C
Patent No. 6734161
GENERAL INFORMATION:
APPLICANT: Nielsen, Peter E.
TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity
FILE REFERENCE: ISIS-3292
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;/ CURRENT APPLICATION NUMBER: US/09/486,623C
;/ CURRENT FILING DATE: 2000-07-06
;/ PRIOR APPLICATION NUMBER: 08/932,140
;/ PRIOR FILING DATE: 1997-09-16
;/ NUMBER OF SEQ ID NOS: 30
;/ SOFTWARE: Patentin version 3.2
;/ SEQ ID NO 7
;/ LENGTH: 15
;/ TYPE: DNA
;/ ORGANISM: Artificial Sequence
;/ FEATURE:
;/ OTHER INFORMATION: Synthetic construct
;/ FEATURE:
;/ NAME/KEY: misc feature
;/ LOCATION: (1)-(14)
;/ OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
;/ FEATURE:
;/ NAME/KEY: misc feature
;/ LOCATION: (15)-(15)
;/ OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine
US-09-486-623C-7

Query Match 100.0%; Score 9; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
||| |||||
Db 14 GAGTATGAG 6

RESULT 8

US-08-758-306-365/c
; Sequence 365, Application US/08758306
; Patent No. 5807743

GENERAL INFORMATION:

;/ APPLICANT: Stinchcomb, Dan T.
;/ APPLICANT: McSwiggen, James A.
;/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
;/ TITLE OF INVENTION: TREATMENT OF DISEASES
;/ TITLE OF INVENTION: ASSOCIATED WITH
;/ TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
;/ TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
;/ NUMBER OF SEQUENCES: 1379
;/ CORRESPONDENCE ADDRESS:

;/ ADDRESSEE: Lyon & Lyon
;/ STREET: 633 West Fifth Street
;/ STREET: Suite 4700
;/ CITY: Los Angeles
;/ STATE: California
;/ COUNTRY: U.S.A.
;/ ZIP: 90071-2066

;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;/ MEDIUM TYPE: storage
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0
;/ SOFTWARE: FastSeq Version 1.5
;/ CURRENT APPLICATION DATA:

;/ APPLICATION NUMBER: US/08/758,306
;/ FILING DATE: December 3, 1996
;/ CLASSIFICATION: 514
;/ PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

;/ NAME: Warburg, Richard J.
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 212/132
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510

;/ INFORMATION FOR SEQ ID NO: 365:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 17 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
US-08-758-306-365

Query Match 100.0%; Score 9; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
||| |||||
Db 17 GAGTATGAG 9

RESULT 9

US-08-758-306-367/c
; Sequence 367, Application US/08758306
; Patent No. 5807743

GENERAL INFORMATION:

;/ APPLICANT: Stinchcomb, Dan T.
;/ APPLICANT: McSwiggen, James A.
;/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
;/ TITLE OF INVENTION: TREATMENT OF DISEASES
;/ TITLE OF INVENTION: ASSOCIATED WITH
;/ TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
;/ TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
;/ NUMBER OF SEQUENCES: 1379
;/ CORRESPONDENCE ADDRESS:

;/ ADDRESSEE: Lyon & Lyon
;/ STREET: 633 West Fifth Street
;/ STREET: Suite 4700
;/ CITY: Los Angeles
;/ STATE: California
;/ COUNTRY: U.S.A.
;/ ZIP: 90071-2066

;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;/ MEDIUM TYPE: storage
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0
;/ SOFTWARE: FastSeq Version 1.5
;/ CURRENT APPLICATION DATA:

;/ APPLICATION NUMBER: US/08/758,306
;/ FILING DATE: December 3, 1996
;/ CLASSIFICATION: 514
;/ PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

;/ NAME: Warburg, Richard J.
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 212/132
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510

;/ INFORMATION FOR SEQ ID NO: 367:
;/ SEQUENCE CHARACTERISTICS:

;/ LENGTH: 17 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear

US-08-758-306-367

Query Match 100.0%; Score 9; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
||| |||||

Db 15 GAGTATGAG 7

RESULT 10

US-08-758-306-369/c
 ; Sequence 369, Application US/08758306
 ; Patent No. 5807743

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
 APPLICANT: McSwiggen, James A.
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TREATMENT OF DISEASES
 TITLE OF INVENTION: ASSOCIATED WITH
 INTERLEUKIN-2 RECEPTOR
 TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION

NUMBER OF SEQUENCES: 1379

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Suite 4700
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/758,306
 FILING DATE: December 3, 1996
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:

PRIOR APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 212/132
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO:

369:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-08-758-306-369

Query Match 100.0%; Score 9; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 5.6e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9

Db 12 GAGTATGAG 4

RESULT 11

US-08-758-306-371/c

; Sequence 371, Application US/08758306

; Patent No. 5807743

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
 APPLICANT: McSwiggen, James A.
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TREATMENT OF DISEASES
 TITLE OF INVENTION: ASSOCIATED WITH
 INTERLEUKIN-2 RECEPTOR

; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION

; NUMBER OF SEQUENCES: 1379

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Suite 4700
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/758,306
 FILING DATE: December 3, 1996
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:

PRIOR APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 212/132
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO:

371:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-08-758-306-371

Query Match 100.0%; Score 9; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 5.6e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9

Db 9 GAGTATGAG 1

RESULT 12

US-09-866-108A-2750

; Sequence 2750, Application US/09866108A

; Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong
 APPLICANT: JI, Yonggang
 APPLICANT: PENN, Sharron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2750
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2750

Query Match          100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 9 GAGTATGAG 17

RESULT 13
US-09-866-108A-2751
; Sequence 2751, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2751
; LENGTH: 17
; TYPE: DNA
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; ORGANISM: Homo sapiens
US-09-866-108A-2751

Query Match          100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 8 GAGTATGAG 16

RESULT 14
US-09-866-108A-2752
; Sequence 2752, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2752
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2752

Query Match          100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 7 GAGTATGAG 15

RESULT 15
US-09-866-108A-2753
; Sequence 2753, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
```

```
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2753
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2753

Query Match      100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 6 GAGTATGAG 14

RESULT 16
US-09-866-108A-2754
; Sequence 2754, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2753
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2753

Query Match      100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 6 GAGTATGAG 14

RESULT 16
US-09-866-108A-2754
; Sequence 2754, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2754
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2754

Query Match      100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 5 GAGTATGAG 13

RESULT 17
US-09-866-108A-2755
; Sequence 2755, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2755
; LENGTH: 17
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2755

Query Match 100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 4 GAGTATGAG 12
|||||

RESULT 18

US-09-866-108A-2756
; Sequence 2756, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2756
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2756

Query Match 100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 3 GAGTATGAG 11
|||||

RESULT 19

US-09-866-108A-2757
; Sequence 2757, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2757
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2757

Query Match 100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 2 GAGTATGAG 10
|||||

RESULT 20

US-09-866-108A-2758
; Sequence 2758, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666

; APPLICANT: McKay, Robert A.
 ; APPLICANT: Dean, Nicholas M.
 ; APPLICANT: Monia, Brett
 ; APPLICANT: Nero, Pam
 ; APPLICANT: Gaarde, William A.
 ; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
 ; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
 ; FILE REFERENCE: ISPH-0318
 ; CURRENT APPLICATION NUMBER: US/09/130,616C
 ; CURRENT FILING DATE: 1998-08-07
 ; EARLIER APPLICATION NUMBER: 08/910,629
 ; EARLIER FILING DATE: 1997-08-03
 ; NUMBER OF SEQ ID NOS: 178
 ; SEQ ID NO 102
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic sequence
 US-09-130-616-102

Query Match 100.0%; Score 9; DB 3; Length 20;
 Best Local Similarity 100.0%; Pred. No. 5.7e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
 |||||
 DB 9 GAGTATGAG 17

RESULT 25
 US-09-105-058C-15
 ; Sequence 15, Application US/09105058C
 ; Patent No. 6403360
 ; GENERAL INFORMATION:
 ; APPLICANT: Blonar, Michael A.
 ; APPLICANT: Dworetzky, Steven
 ; APPLICANT: Gribkoff, Valentin K.
 ; APPLICANT: Levesque, Paul C.
 ; APPLICANT: Little, Wayne A.
 ; APPLICANT: Neubauer, Michael G.
 ; APPLICANT: Yang, Wen-Pin
 ; TITLE OF INVENTION: KCNQ POTASSIUM CHANNELS AND METHODS OF MODULATING SAME
 ; FILE REFERENCE: 3053-4052
 ; CURRENT APPLICATION NUMBER: US/09/105,058C
 ; CURRENT FILING DATE: 1998-06-26
 ; PRIOR APPLICATION NUMBER: US 60/055,599
 ; PRIOR FILING DATE: 1997-08-12
 ; NUMBER OF SEQ ID NOS: 28
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 15
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Forward primer
 ; OTHER INFORMATION: from EST sequence similar to the Kv1QT gene
 US-09-105-058C-15

Query Match 100.0%; Score 9; DB 3; Length 20;
 Best Local Similarity 100.0%; Pred. No. 5.7e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
 |||||
 DB 1 GAGTATGAG 9

RESULT 26
 US-09-851-062-29/c
 ; Sequence 29, Application US/09851062
 ; Patent No. 6448081
 ; GENERAL INFORMATION:
 ; APPLICANT: McKay, Robert A.
 ; APPLICANT: Dean, Nicholas M.
 ; APPLICANT: Monia, Brett
 ; APPLICANT: Nero, Pam
 ; APPLICANT: Gaarde, William A.
 ; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
 ; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
 ; FILE REFERENCE: ISPH-0318
 ; CURRENT APPLICATION NUMBER: US/09/130,616C
 ; CURRENT FILING DATE: 1998-08-07
 ; EARLIER APPLICATION NUMBER: 08/910,629
 ; EARLIER FILING DATE: 1997-08-03
 ; NUMBER OF SEQ ID NOS: 178
 ; SEQ ID NO 102
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic sequence
 US-09-130-616-102

Query Match 100.0%; Score 9; DB 3; Length 20;
 Best Local Similarity 100.0%; Pred. No. 5.7e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
 |||||
 DB 1 GAGTATGAG 9

RESULT 27
 US-09-517-467B-84/c
 ; Sequence 84, Application US/09517467B
 ; Patent No. 6451602
 ; GENERAL INFORMATION:
 ; APPLICANT: Ian Popoff
 ; APPLICANT: Lex M. Cowseert
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
 ; FILE REFERENCE: RTS-0150
 ; CURRENT APPLICATION NUMBER: US/09/517,467B
 ; CURRENT FILING DATE: 2001-03-02
 ; PRIOR APPLICATION NUMBER: 09/517,467
 ; PRIOR FILING DATE: 2000-03-02
 ; NUMBER OF SEQ ID NOS: 345
 ; SEQ ID NO 84
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-09-517-467B-84

Query Match 100.0%; Score 9; DB 3; Length 20;
 Best Local Similarity 100.0%; Pred. No. 5.7e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
 |||||
 DB 11 GAGTATGAG 3

RESULT 28
 US-09-422-978-6551/c
 ; Sequence 6551, Application US/09422978
 ; Patent No. 6537751
 ; GENERAL INFORMATION:
 ; APPLICANT: Cohen, Daniel
 ; APPLICANT: Blumenfeld, Marta
 ; APPLICANT: Chumakov, Ilya
 ; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
 ; FILE REFERENCE: GENSET.020CPI
 ; CURRENT APPLICATION NUMBER: US/09/422,978
 ; CURRENT FILING DATE: 1999-10-20
 ; EARLIER APPLICATION NUMBER: US 09/298,850
 ; EARLIER FILING DATE: 1999-04-21
 ; EARLIER APPLICATION NUMBER: US 60/109,732
 ; EARLIER FILING DATE: 1998-11-23
 ; EARLIER APPLICATION NUMBER: US 60/082,614
 ; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6551
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-12268 for SEQ 2617,
US-09-422-978-6551

Query Match 100.0%; Score 9; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 9 GAGTATGAG 1
|||||

RESULT 29
US-09-774-809-101
; Sequence 101, Application US/09774809
; Patent No. 6809193
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0412
; CURRENT APPLICATION NUMBER: US/09/774,809
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-774-809-101

Query Match 100.0%; Score 9; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 9 GAGTATGAG 17
|||||

RESULT 30
US-09-774-809-102
; Sequence 102, Application US/09774809
; Patent No. 6809193
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0412
; CURRENT APPLICATION NUMBER: US/09/774,809

; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 102
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-774-809-102

Query Match 100.0%; Score 9; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 9 GAGTATGAG 17
|||||

RESULT 31
US-09-422-978-8965
; Sequence 8965, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8965
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-2048 for SEQ 1100, in complemer
US-09-422-978-8965

Query Match 100.0%; Score 9; DB 4; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 6 GAGTATGAG 14
|||||

RESULT 32
5455029-26
; Patent No. 5455029
; APPLICANT: HARTMAN, JACOB R.; OPPENHEIM, AMOS B.; GORECKI,
; MARIAN; AVIV, HAIM; OREN, RACHEL
; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS COMPRISING
; A MIXTURE OF HUMAN CUZIN SUPEROXIDE DISMUTASE ANALOGS
; NUMBER OF SEQUENCES: 30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/933,500

```
; FILING DATE: 21-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 449,125
; FILING DATE: 08-DEC-1989
; APPLICATION NUMBER: 202,238
; FILING DATE: 03JUN-1988
; APPLICATION NUMBER: 897,056
; FILING DATE: 14-AUG-1985
; APPLICATION NUMBER: 767,143
; FILING DATE: 19-AUG-1985
; APPLICATION NUMBER: 644,245
; FILING DATE: 27-AUG-1984
; SEQ ID NO:26:
; LENGTH: 21
5455029-26

Query Match          100.0%; Score 9; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 6 GAGTATGAG 14

RESULT 33
5455029-26
; PATENT NO. 5455029
; APPLICANT: HARTMAN, JACOB R.; OPPENHEIM, AMOS B.; GORECKI,
; MARIAN; AVIV, HAIM; OREN, RACHEL
; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS COMPRISING
; A MIXTURE OF HUMAN CUZIN SUPEROXIDE DISMUTASE ANALOGS
; NUMBER OF SEQUENCES: 30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/933,500
; FILING DATE: 21-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 449,125
; FILING DATE: 08-DEC-1989
; APPLICATION NUMBER: 202,238
; FILING DATE: 03JUN-1988
; APPLICATION NUMBER: 897,056
; FILING DATE: 14-AUG-1985
; APPLICATION NUMBER: 767,143
; FILING DATE: 19-AUG-1985
; APPLICATION NUMBER: 644,245
; FILING DATE: 27-AUG-1984
; SEQ ID NO:26:
; LENGTH: 21
5455029-26

Query Match          100.0%; Score 9; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 6 GAGTATGAG 14

RESULT 34
US-09-088-274-8/c
; Sequence 8, Application US/09088274A
; Patent No. 6433248
; GENERAL INFORMATION:
; APPLICANT: Lommel, Steven A.
; APPLICANT: Sit, Timmy L.
; TITLE OF INVENTION: Trans-Activation of Transcription from Viral RNA
; FILE REFERENCE: trans activation of transcription
; CURRENT APPLICATION NUMBER: US/09/088,274A
; CURRENT FILING DATE: 1998-06-01
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.0
```

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; SEQ ID NO 8
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:PRIMER
US-09-088-274-8

Query Match          100.0%; Score 9; DB 3; Length 23;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 23 GAGTATGAG 15

RESULT 35
US-09-245-248B-23
; Sequence 23, Application US/09245248B
; Patent No. 6395472
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; APPLICANT: Leary, Thomas
; APPLICANT: Erker, James
; APPLICANT: Chalmers, Michelle
; APPLICANT: Simons, John
; APPLICANT: Birkenmeyer, Larry
; APPLICANT: Muerhoff, Scott
; APPLICANT: Pilot-Matias, Tami
; APPLICANT: Desai, Suresh
; APPLICANT: Mushahwar, Isa
; TITLE OF INVENTION: METHODS OF UTILIZING THE TT VIRUS
; FILE REFERENCE: 6461.US.O1
; CURRENT APPLICATION NUMBER: US/09/245,248B
; CURRENT FILING DATE: 1999-02-05
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: (0)...(0)
; OTHER INFORMATION: DFGH1-S1 primer
US-09-245-248B-23

Query Match          100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 11 GAGTATGAG 19

RESULT 36
US-09-866-108A-5679
; Sequence 5679, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
```

; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5679
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5679

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
|||||

Db 17 GAGTATGAG 25

RESULT 37
US-09-866-108A-5680
; Sequence 5680, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5681
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5681

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
|||||

; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5680
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5680

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
|||||

Db 16 GAGTATGAG 24

RESULT 38
US-09-866-108A-5681
; Sequence 5681, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5681
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5681

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
|||||

```
Db          15 GAGTATGAG 23

RESULT 39
US-09-866-108A-5682
; Sequence 5682, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5682
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5682

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          1 GAGTATGAG 9
Db          14 GAGTATGAG 22
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RESULT 40
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; Sequence 5683, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5682
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5682

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          1 GAGTATGAG 9
Db          14 GAGTATGAG 22
|||||
|

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GenCore version 5.1.1.6
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OM nucleic - nucleic search, using sw model

Run on: July 12, 2005, 18:12:19 ; Search time 141.329 Seconds
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222.117 Million cell updates/sec

Title: US-09-540-843-4

Perfect score: 5

Sequence: 1 gtagg 5

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 6330945 seqs, 3139162390 residues

Total number of hits satisfying chosen parameters: 7146590

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Published Applications NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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c 4	5	100.0	5	14	US-10-122-633-6
c 5	5	100.0	7	13	US-10-027-632-178029
c 6	5	100.0	7	13	US-10-027-632-178043
7	5	100.0	7	14	US-10-122-630-3
					Sequence 4, Appli
					Sequence 6, Appli
					Sequence 4, Appli
					Sequence 6, Appli
					Sequence 178029,
					Sequence 178043,
					Sequence 3, Appli

8	5	100.0	7	14	US-10-122-630-7	Sequence 7, Appli
9	5	100.0	7	14	US-10-122-633-3	Sequence 3, Appli
c 10	5	100.0	7	14	US-10-122-633-7	Sequence 7, Appli
c 11	5	100.0	7	17	US-10-027-632-178029	Sequence 178029,
c 12	5	100.0	7	17	US-10-027-632-178043	Sequence 178043,
c 13	5	100.0	7	22	US-10-780-507-13	Sequence 13, Appli
c 14	5	100.0	7	22	US-10-780-507-14	Sequence 14, Appli
c 15	5	100.0	7	22	US-10-780-507-15	Sequence 15, Appli
c 16	5	100.0	7	22	US-10-780-507-17	Sequence 17, Appli
c 17	5	100.0	7	22	US-10-780-507-19	Sequence 19, Appli
c 18	5	100.0	8	9	US-09-142-593-11	Sequence 11, Appli
c 19	5	100.0	8	9	US-09-142-593-17	Sequence 17, Appli
c 20	5	100.0	8	9	US-09-861-014-6	Sequence 6, Appli
c 21	5	100.0	8	15	US-10-263-159-11	Sequence 11, Appli
c 22	5	100.0	8	15	US-10-128-560-224	Sequence 224, App
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c 24	5	100.0	8	17	US-10-314-578-1138	Sequence 1138, Ap
c 25	5	100.0	8	17	US-10-332-914-5	Sequence 5, Appli
c 26	5	100.0	8	18	US-10-608-516-17	Sequence 17, Appli
c 27	5	100.0	8	20	US-10-742-740-3	Sequence 3, Appli
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c 29	5	100.0	9	10	US-09-990-186-623	Sequence 623, App
c 30	5	100.0	9	10	US-09-990-186-2220	Sequence 2220, Ap
c 31	5	100.0	9	10	US-09-990-186-2256	Sequence 2256, Ap
c 32	5	100.0	9	10	US-09-989-994-623	Sequence 623, App
c 33	5	100.0	9	10	US-09-989-994-2220	Sequence 2220, Ap
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c 40	5	100.0	10	8	US-08-935-377-16	Sequence 16, Appli
c 41	5	100.0	10	9	US-09-822-250-16	Sequence 16, Appli
c 42	5	100.0	10	9	US-09-398-399-31	Sequence 31, Appli
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c 44	5	100.0	10	10	US-09-962-602-7	Sequence 7, Appli
c 45	5	100.0	10	10	US-09-962-602-8	Sequence 8, Appli
c 46	5	100.0	10	10	US-09-990-186-622	Sequence 622, App
c 47	5	100.0	10	10	US-09-990-186-636	Sequence 636, App
c 48	5	100.0	10	10	US-09-990-186-1338	Sequence 1338, Ap
c 49	5	100.0	10	10	US-09-990-186-1341	Sequence 1341, Ap
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c 68	5	100.0	10	13	US-10-033-145-1052	Sequence 1052, Ap
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c 71	5	100.0	10	13	US-10-033-145-1255	Sequence 1255, Ap
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c 73	5	100.0	10	13	US-10-033-145-1551	Sequence 1551, Ap
c 74	5	100.0	10	13	US-10-033-145-1566	Sequence 1566, Ap
c 75	5	100.0	10	13	US-10-033-145-1661	Sequence 1661, Ap
c 76	5	100.0	10	13	US-10-033-145-1698	Sequence 1698, Ap
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ALIGNMENTS

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; Sequence 4, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR FILING DATE: 1998-03-26
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
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; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
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; OTHER INFORMATION: Synthetic DNA Fragment
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Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      1 GTATG 5

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; Sequence 6, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
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; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
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; TYPE: DNA
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; OTHER INFORMATION: Synthetic DNA Fragment
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; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
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Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Best Local Similarity 100.0%; Pred. No. 1.2e+09;
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; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-6

Query Match      100.0%; Score 5; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.2e+09;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTATG 5
DB      5 GTATG 1

RESULT 5
US-10-122-632-178029/c
; Sequence 178029, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178043
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Human
US-10-122-632-178043

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Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTATG 5
DB      5 GTATG 1

RESULT 6
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; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
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; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178043
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Human
US-10-122-632-178043

Query Match      100.0%; Score 5; DB 13; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTATG 5
DB      5 GTATG 1

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; Sequence 3, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Vaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 7
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-3

Query Match      100.0%; Score 5; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTATG 5
Db      2 GTATG 6

RESULT 8
US-10-122-630-7
; Sequence 7, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122.630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-7

Query Match      100.0%; Score 5; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTATG 5
Db      2 GTATG 6

RESULT 9
US-10-122-633-3
; Sequence 3, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122.633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
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; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-3

Query Match      100.0%; Score 5; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTATG 5
Db      2 GTATG 6

RESULT 10
US-10-122-633-7
; Sequence 7, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122.633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-7

Query Match      100.0%; Score 5; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTATG 5
Db      2 GTATG 6

RESULT 11
US-10-027-632-178029/c
; Sequence 178029, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027.632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
```

; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178029
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178029

Query Match 100.0%; Score 5; DB 17; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 5 GTATG 1

RESULT 12
US-10-027-632-178043/c
; Sequence 178043, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178043
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178043

Query Match 100.0%; Score 5; DB 17; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 5 GTATG 1

RESULT 13
US-10-780-507-13/c
; Sequence 13, Application US/10780507
; Publication No. US20050137387A1
; GENERAL INFORMATION:
; APPLICANT: MULLINS, James I.

; APPLICANT: RODRIGO, Allen G.
; APPLICANT: LEARN, Gerald H.
; APPLICANT: LI, Fusheng
; APPLICANT: NICKLE, David C.
; APPLICANT: JENSEN, Mark A.
; TITLE OF INVENTION: ANCESTRAL AND COT VIRAL SEQUENCES, PROTEINS AND IMMUNOGENIC COMPO
; FILE REFERENCE: 16336-001320US
; CURRENT APPLICATION NUMBER: US/10/780,507
; CURRENT FILING DATE: 2004-02-17
; PRIOR APPLICATION NUMBER: US 10/204,204
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: PCT/US01/05288
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: US 60/183,659
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 60/447,586
; PRIOR FILING DATE: 2003-02-14
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence, maximum likelihood reconstruction of determin
; OTHER INFORMATION: ed ancestral node.
US-10-780-507-13

Query Match 100.0%; Score 5; DB 22; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 5 GTATG 1

RESULT 14
US-10-780-507-14/c
; Sequence 14, Application US/10780507
; Publication No. US20050137387A1
; GENERAL INFORMATION:
; APPLICANT: MULLINS, James I.
; APPLICANT: RODRIGO, Allen G.
; APPLICANT: LEARN, Gerald H.
; APPLICANT: LI, Fusheng
; APPLICANT: NICKLE, David C.
; APPLICANT: JENSEN, Mark A.
; TITLE OF INVENTION: ANCESTRAL AND COT VIRAL SEQUENCES, PROTEINS AND IMMUNOGENIC COMPO
; FILE REFERENCE: 16336-001320US
; CURRENT APPLICATION NUMBER: US/10/780,507
; CURRENT FILING DATE: 2004-02-17
; PRIOR APPLICATION NUMBER: US 10/204,204
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: PCT/US01/05288
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: US 60/183,659
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 60/447,586
; PRIOR FILING DATE: 2003-02-14
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence, maximum likelihood reconstruction of determin
; OTHER INFORMATION: ed ancestral node.
US-10-780-507-14

Query Match 100.0%; Score 5; DB 22; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;

```
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GTATG 5
   |||||
Db 5 GTATG 1

RESULT 15
US-10-780-507-15/c
; Sequence 15, Application US/10780507
; Publication No. US20050137387A1
; GENERAL INFORMATION:
; APPLICANT: MULLINS, James I.
; APPLICANT: RODRIGO, Allen G.
; APPLICANT: LEARN, Gerald H.
; APPLICANT: LI, Fusheng
; APPLICANT: NICKLE, David C.
; APPLICANT: JENSEN, Mark A.
; TITLE OF INVENTION: ANCESTRAL AND COT VIRAL SEQUENCES, PROTEINS AND IMMUNOGENIC COMPO
; FILE REFERENCE: 16336-001320US
; CURRENT APPLICATION NUMBER: US/10/780,507
; CURRENT FILING DATE: 2004-02-17
; PRIOR APPLICATION NUMBER: US 10/204,204
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: PCT/US01/05288
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: US 60/183,659
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 60/447,586
; PRIOR FILING DATE: 2003-02-14
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence, maximum likelihood reconstruction of determin
; OTHER INFORMATION: ed ancestral node.
US-10-780-507-15

Query Match 100.0%; Score 5; DB 22; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
   |||||
Db 5 GTATG 1

RESULT 16
US-10-780-507-17/c
; Sequence 17, Application US/10780507
; Publication No. US20050137387A1
; GENERAL INFORMATION:
; APPLICANT: MULLINS, James I.
; APPLICANT: RODRIGO, Allen G.
; APPLICANT: LEARN, Gerald H.
; APPLICANT: LI, Fusheng
; APPLICANT: NICKLE, David C.
; APPLICANT: JENSEN, Mark A.
; TITLE OF INVENTION: ANCESTRAL AND COT VIRAL SEQUENCES, PROTEINS AND IMMUNOGENIC COMPO
; FILE REFERENCE: 16336-001320US
; CURRENT APPLICATION NUMBER: US/10/780,507
; CURRENT FILING DATE: 2004-02-17
; PRIOR APPLICATION NUMBER: US 10/204,204
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: PCT/US01/05288
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: US 60/183,659
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 60/447,586
; PRIOR FILING DATE: 2003-02-14
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence, maximum likelihood reconstruction of determin
; OTHER INFORMATION: ed ancestral node.
US-10-780-507-17

Query Match 100.0%; Score 5; DB 22; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
   |||||
Db 5 GTATG 1

RESULT 17
US-10-780-507-19/c
; Sequence 19, Application US/10780507
; Publication No. US20050137387A1
; GENERAL INFORMATION:
; APPLICANT: MULLINS, James I.
; APPLICANT: RODRIGO, Allen G.
; APPLICANT: LEARN, Gerald H.
; APPLICANT: LI, Fusheng
; APPLICANT: NICKLE, David C.
; APPLICANT: JENSEN, Mark A.
; TITLE OF INVENTION: ANCESTRAL AND COT VIRAL SEQUENCES, PROTEINS AND IMMUNOGENIC COMPO
; FILE REFERENCE: 16336-001320US
; CURRENT APPLICATION NUMBER: US/10/780,507
; CURRENT FILING DATE: 2004-02-17
; PRIOR APPLICATION NUMBER: US 10/204,204
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: PCT/US01/05288
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: US 60/183,659
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 60/447,586
; PRIOR FILING DATE: 2003-02-14
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence, maximum likelihood reconstruction of determin
; OTHER INFORMATION: ed ancestral node.
US-10-780-507-19

Query Match 100.0%; Score 5; DB 22; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
   |||||
Db 5 GTATG 1

RESULT 18
US-09-142-593-11/c
; Sequence 11, Application US/09142593
; Patent No. US20020016975A1
; GENERAL INFORMATION:
; APPLICANT: HACKETT ET AL.
```

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; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence, most parsimonious reconstruction of determine
; OTHER INFORMATION: d ancestral node.
; NAME/KEY: variation
; LOCATION: (7)..(7)
; OTHER INFORMATION: V can also be an A, C or G
US-10-780-507-17

Query Match 100.0%; Score 5; DB 22; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
   |||||
Db 5 GTATG 1

RESULT 17
US-10-780-507-19/c
; Sequence 19, Application US/10780507
; Publication No. US20050137387A1
; GENERAL INFORMATION:
; APPLICANT: MULLINS, James I.
; APPLICANT: RODRIGO, Allen G.
; APPLICANT: LEARN, Gerald H.
; APPLICANT: LI, Fusheng
; APPLICANT: NICKLE, David C.
; APPLICANT: JENSEN, Mark A.
; TITLE OF INVENTION: ANCESTRAL AND COT VIRAL SEQUENCES, PROTEINS AND IMMUNOGENIC COMPO
; FILE REFERENCE: 16336-001320US
; CURRENT APPLICATION NUMBER: US/10/780,507
; CURRENT FILING DATE: 2004-02-17
; PRIOR APPLICATION NUMBER: US 10/204,204
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: PCT/US01/05288
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: US 60/183,659
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 60/447,586
; PRIOR FILING DATE: 2003-02-14
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence, maximum likelihood reconstruction of determin
; OTHER INFORMATION: ed ancestral node.
US-10-780-507-19

Query Match 100.0%; Score 5; DB 22; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
   |||||
Db 5 GTATG 1

RESULT 18
US-09-142-593-11/c
; Sequence 11, Application US/09142593
; Patent No. US20020016975A1
; GENERAL INFORMATION:
; APPLICANT: HACKETT ET AL.
```

```
; TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
; TITLE OF INVENTION: INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.
; STREET: 119 NORTH FOURTH STREET, SUITE 203
; CITY: MINNEAPOLIS
; STATE: MINNESOTA
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/142,593
; FILING DATE: 10-SEP-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/040,664
; FILING DATE: 11-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/053,868
; FILING DATE: 28-JUL-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/065,303
; FILING DATE: 13-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US98/04687
; FILING DATE: 11-MAR-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDBERG, VICTORIA A.
; REGISTRATION NUMBER: 41,287
; REFERENCE/DOCKET NUMBER: 110.00450101
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1226
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-09-142-593-11

Query Match 100.0%; Score 5; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 6 GTATG 2

RESULT 19
US-09-927-886-17/c
; Sequence 17, Application US/09927886
; Patent No. US20020103152A1
; GENERAL INFORMATION:
; APPLICANT: Kay, Mark A.
; TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a
; TITLE OF INVENTION: Sleeping Beauty Transposon System
; FILE REFERENCE: STAN-160CIP
; CURRENT APPLICATION NUMBER: US/09/927,886
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/162,279
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: 09/440,301
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 19

; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: transposon repeat sequence
US-09-927-886-17

Query Match 100.0%; Score 5; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 6 GTATG 2

RESULT 20
US-09-861-014-6/c
; Sequence 6, Application US/09861014
; Patent No. US20020115216A1
; GENERAL INFORMATION:
; APPLICANT: Steer, Clifford
; APPLICANT: Kren, Betsy
; APPLICANT: Linehan-Stieers, Cheryle
; APPLICANT: McIvor, R.
; APPLICANT: Hackett, Perry
; TITLE OF INVENTION: Composition for Delivery of Compounds to Cells
; FILE REFERENCE: 110.01330101
; CURRENT APPLICATION NUMBER: US/09/861,014
; CURRENT FILING DATE: 2001-05-19
; PRIOR APPLICATION NUMBER: US 60/206,002
; PRIOR FILING DATE: 2000-05-19
; PRIOR APPLICATION NUMBER: US 60/285,121
; PRIOR FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Direct repeat sequence
US-09-861-014-6

Query Match 100.0%; Score 5; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 6 GTATG 2

RESULT 21
US-10-263-159-11/c
; Sequence 11, Application US/10263159
; Publication No. US20030124668A1
; GENERAL INFORMATION:
; APPLICANT: HACKETT ET AL.
; TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
; INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.
; STREET: 119 NORTH FOURTH STREET, SUITE 203
; CITY: MINNEAPOLIS
; STATE: MINNESOTA
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/263,159
; FILING DATE: 02-Oct-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/142,593
; FILING DATE: 10-SEP-1998
; APPLICATION NUMBER: 60/040,664
; FILING DATE: 11-MAR-1997
; APPLICATION NUMBER: 60/053,868
; FILING DATE: 28-JUL-1997
; APPLICATION NUMBER: 60/065,303
; FILING DATE: 13-NOV-1997
; APPLICATION NUMBER: PCT/US98/04687
; FILING DATE: 11-MAR-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDBERG, VICTORIA A.
; REGISTRATION NUMBER: 41,287
; REFERENCE/DOCKET NUMBER: 110.00450101
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1226
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; TYPE: 8 base pairs
; LENGTH: 8
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-10-263-159-11

Query Match 100.0%; Score 5; DB 15; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
|||||
Db 6 GTATG 2

RESULT 22
US-10-128-560-224
; Sequence 224, Application US/10128560
; Publication No. US20030134272A1
; GENERAL INFORMATION:
; APPLICANT: Universiteit Gent
; TITLE OF INVENTION: Improved mutation analysis of the NF1 Gene
; FILE REFERENCE: UG-005-PCT
; CURRENT APPLICATION NUMBER: US/10/128,560
; CURRENT FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: EP 99870216.1
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: EP 00870122.9
; PRIOR FILING DATE: 2000-06-05
; PRIOR APPLICATION NUMBER: UG 60/211,929
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 264
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 224
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-128-560-224

Query Match 100.0%; Score 5; DB 15; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
|||||

Db 3 GTATG 7
|||||

RESULT 23
US-10-191-698-11/c
; Sequence 11, Application US/10191698
; Publication No. US20030154500A1
; GENERAL INFORMATION:
; APPLICANT: Hackett, P. B.
; APPLICANT: Clark, Karl J.
; APPLICANT: Ivics, Zoltan
; APPLICANT: Izsak, Zezsanna
; APPLICANT: Scott C. Fahrenkrug
; TITLE OF INVENTION: NUCLEIC ACID TRANSFER VECTOR FOR THE INTRODUCTION OF
; TITLE OF INVENTION: NUCLEIC ACID INTO THE DNA OF A CELL
; FILE REFERENCE: 110.00870102
; CURRENT APPLICATION NUMBER: US/10/191,698
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 11
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: A portion of a
; OTHER INFORMATION: direct repeat sequence
US-10-191-698-11

Query Match 100.0%; Score 5; DB 16; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
|||||
Db 6 GTATG 2

RESULT 24
US-10-314-578-1138
; Sequence 1138, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1138
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1138

Query Match 100.0%; Score 5; DB 17; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
|||||

Db 3 GTATG 7

RESULT 25
US-10-332-914-5
; Sequence 5, Application US/10332914
; Publication No. US20040025200A1
; GENERAL INFORMATION:
; APPLICANT: Unicrop Ltd
; TITLE OF INVENTION: Molecular Control of Transgene Segregation and Its
; TITLE OF INVENTION: Escape by a Recoverable Block of Function (RBF) System
; FILE REFERENCE: A0420PC-
; CURRENT APPLICATION NUMBER: US/10/332,914
; CURRENT FILING DATE: 2003-01-14
; PRIOR APPLICATION NUMBER: US 09/617,543
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: PCT/FI01/00670
; PRIOR FILING DATE: 2001-07-16
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 8
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: -
; OTHER INFORMATION: 5' exon/intron boundary site
US-10-332-914-5

Query Match 100.0%; Score 5; DB 17; Length 8;
Best Local Similarity 60.0%; Pred. No. 7.6e+08;
Matches 3; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
|:|:
Db 3 GUAG 7

RESULT 26
US-10-608-516-17/c
; Sequence 17, Application US/10608516
; Publication No. US20040092471A1
; GENERAL INFORMATION:
; APPLICANT: Kay, Mark A.
; TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a
; TITLE OF INVENTION: Sleeping Beauty Transposon System
; FILE REFERENCE: STAN-160CIP
; CURRENT APPLICATION NUMBER: US/10/608,516
; CURRENT FILING DATE: 2003-06-26
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/162,279
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: 09/440,301
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: transposon repeat sequence
US-10-608-516-17

Query Match 100.0%; Score 5; DB 18; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
|:|:
Db 3 GUAG 7

RESULT 27
US-10-742-740-3/c
; Sequence 3, Application US/10742740
; Publication No. US20040234504A1
; GENERAL INFORMATION:
; APPLICANT: VERMA, Inder M.
; APPLICANT: TISCORNIA, Gustavo
; TITLE OF INVENTION: SINGER, Oded
; TITLE OF INVENTION: METHODS OF INHIBITING GENE EXPRESSION BY
; TITLE OF INVENTION: RNA INTERFERENCE
; FILE REFERENCE: 66671-086
; CURRENT APPLICATION NUMBER: US/10/742,740
; CURRENT FILING DATE: 2003-12-18
; PRIOR APPLICATION NUMBER: 60/434,523
; PRIOR FILING DATE: 2002-12-18
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-742-740-3

Query Match 100.0%; Score 5; DB 20; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
|:|:
Db 6 GTATG 2

RESULT 28
US-10-861-108-9/c
; Sequence 9, Application US/10861108
; Publication No. US20050003542A1
; GENERAL INFORMATION:
; APPLICANT: Kay, Mark A.
; APPLICANT: Yant, Stephen
; TITLE OF INVENTION: Enhanced Sleeping Beauty Transposon
; TITLE OF INVENTION: System and Methods for Using the Same
; FILE REFERENCE: STAN-307
; CURRENT APPLICATION NUMBER: US/10/861,108
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: 60/476,266
; PRIOR FILING DATE: 2003-06-04
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 8
; TYPE: DNA
; ORGANISM: salmonid
US-10-861-108-9

Query Match 100.0%; Score 5; DB 21; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.6e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
|:|:
Db 6 GTATG 2

RESULT 29
US-09-990-186-623/c
; Sequence 623, Application US/09990186
; Publication No. US200300068675A1
; GENERAL INFORMATION:

; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 623
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-990-186-623

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 6 GTATG 2

RESULT 30
US-09-990-186-2220
; Sequence 2220, Application US/09990186
; Publication No. US20030068675A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2220
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-990-186-2220

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 4 GTATG 8

RESULT 31
US-09-990-186-2256
; Sequence 2256, Application US/09990186
; Publication No. US20030068675A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2256
; LENGTH: 9
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-990-186-2256

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 4 GTATG 8

RESULT 32
US-09-989-994-623/c
; Sequence 623, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 623
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-994-623

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 6 GTATG 2

RESULT 33
US-09-989-994-2220
; Sequence 2220, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2220
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-994-2220

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5


```
Db          4 GTATG 8
|||||
RESULT 34
US-09-989-994-2256
; Sequence 2256, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2256
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-994-2256

Query Match      100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          1 GTATG 5
|||||
Db          4 GTATG 8

RESULT 35
US-10-122-630-1
; Sequence 1, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-1

Query Match      100.0%; Score 5; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          1 GTATG 5
|||||
Db          4 GTATG 8

RESULT 36
US-10-122-633-1
; Sequence 1, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Yaar, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-1

Query Match      100.0%; Score 5; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          1 GTATG 5
|||||
Db          3 GTATG 7

RESULT 37
US-10-096-596-32/c
; Sequence 32, Application US/10096596
; Publication No. US20030049653A1
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth W
; APPLICANT: Vogelstein, Bert
; APPLICANT: Velculescu, Victor
; APPLICANT: Zhang, Lin
; TITLE OF INVENTION: METHOD FOR SERIAL ANALYSIS OF GENE EXPRESSION
; FILE REFERENCE: 001107.00242
; CURRENT APPLICATION NUMBER: US/10/096,596
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 08/527,154
; PRIOR FILING DATE: 1995-09-12
; PRIOR APPLICATION NUMBER: US 08/544,861
; PRIOR FILING DATE: 1995-10-18
; PRIOR APPLICATION NUMBER: US 09/107,228
; PRIOR FILING DATE: 1998-06-30
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-096-596-32

Query Match      100.0%; Score 5; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          1 GTATG 5
|||||
```

```
Db          7 GTATG 3

RESULT 38
US-10-378-558A-13
; Sequence 13, Application US/10378558A
; Publication No. US20040009576A1
; GENERAL INFORMATION:
; APPLICANT: Kalscheuer, Rainer
; APPLICANT: Steinbuechel, Alexander
; APPLICANT: Voelker, Toni
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODIFICATION OF LIPID BIOSYNTHESIS
; FILE REFERENCE: MONS:026052
; CURRENT APPLICATION NUMBER: US/10/378,558A
; CURRENT FILING DATE: 2003-03-03
; PRIOR APPLICATION NUMBER: 60/360,774
; PRIOR FILING DATE: 2002-03-01
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Acinetobacter calcoaceticus
US-10-378-558A-13

Query Match          100.0%; Score 5; DB 17; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
   |||||
Db 3 GTATG 7

RESULT 39
US-10-427-629-3
; Sequence 3, Application US/10427629
; Publication No. US20040078834A1
; GENERAL INFORMATION:
; APPLICANT: Croce, Carlo M.
; TITLE OF INVENTION: Human Chronic Lymphocytic Leukemia Modeled In Mouse By Targeted
; FILE REFERENCE: TCU2851
; CURRENT APPLICATION NUMBER: US/10/427,629
; CURRENT FILING DATE: 2003-04-29
; PRIOR APPLICATION NUMBER: 60/376,464
; PRIOR FILING DATE: 2002-04-29
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-427-629-3

Query Match          100.0%; Score 5; DB 18; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
   |||||
Db 2 GTATG 6

RESULT 40
US-08-935-377-16/c
; Sequence 16, Application US/08935377
; Publication No. US20030133917A1
; GENERAL INFORMATION:
; APPLICANT: Zauderer, Maurice
; TITLE OF INVENTION: T Cells Specific for Target Antigens and
; TITLE OF INVENTION: Vaccines Based Thereon
; NUMBER OF SEQUENCES: 37
```

```
;
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C
; STREET: 1100 New York Avenue, N.W., Suite 600
; CITY: Washington
; STATE: D. C.
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/935,377
; FILING DATE: 22-SEP-1997
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Steffe, Eric K
; REGISTRATION NUMBER: 36,688
; REFERENCE/DOCKET NUMBER: 1821.0010000/EKS/CMB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-935-377-16

Query Match          100.0%; Score 5; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
   |||||
Db 10 GTATG 6

Search completed: July 13, 2005, 04:11:17
Job time : 143.329 secs
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OM nucleic - nucleic search, using sw model

Run on: July 12, 2005, 18:12:19 ; Search time 310.924 Seconds
(without alignments)
222.117 Million cell updates/sec

Title: US-09-540-843-5
Perfect score: 11
Sequence: 1 gtagggtag 11

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 6330945 seqs, 3139162390 residues

Total number of hits satisfying chosen parameters: 7146590

Minimum DB seq length: 0
Maximum DB seq length: 200

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100 summaries

Database : Published Applications NA:*

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11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq:*
12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
13: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:*
14: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq:*
15: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq:*
16: /cgn2_6/ptodata/2/pubpna/US10D_PUBCOMB.seq:*
17: /cgn2_6/ptodata/2/pubpna/US10E_PUBCOMB.seq:*
18: /cgn2_6/ptodata/2/pubpna/US10F_PUBCOMB.seq:*
19: /cgn2_6/ptodata/2/pubpna/US10G_PUBCOMB.seq:*
20: /cgn2_6/ptodata/2/pubpna/US10H_PUBCOMB.seq:*
21: /cgn2_6/ptodata/2/pubpna/US10I_PUBCOMB.seq:*
22: /cgn2_6/ptodata/2/pubpna/US11A_PUBCOMB.seq:*
23: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*
24: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
25: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*
26: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	ID	Description
C 1	11	100.0	11 9	US-09-057-351-2
2	11	100.0	11 10	US-09-835-370-63
3	11	100.0	11 14	US-10-122-630-5
C 4	11	100.0	11 14	US-10-122-630-9
5	11	100.0	11 14	US-10-122-633-5
C 6	11	100.0	11 14	US-10-122-633-9
7	11	100.0	11 15	US-10-255-535-4
Sequence 2, Appli				
Sequence 63, Appli				
Sequence 5, Appli				
Sequence 9, Appli				
Sequence 5, Appli				
Sequence 9, Appli				
Sequence 4, Appli				

8	11	100.0	11	15	US-10-255-535-14	Sequence 14, Appli
C 9	11	100.0	11	16	US-10-359-935-2	Sequence 2, Appli
10	11	100.0	11	17	US-10-463-076-1	Sequence 1, Appli
11	11	100.0	11	19	US-10-181-823-16	Sequence 20, Appli
12	11	100.0	11	19	US-10-181-823-20	Sequence 16, Appli
13	11	100.0	11	20	US-10-863-999-63	Sequence 63, Appli
C 14	11	100.0	11	21	US-10-831-266-1	Sequence 1, Appli
C 15	11	100.0	11	21	US-10-831-267-1	Sequence 1, Appli
16	11	100.0	11	21	US-10-967-755-1	Sequence 1, Appli
17	11	100.0	12	20	US-10-257-017B-305261	Sequence 305261,
C 18	11	100.0	12	20	US-10-257-017B-334175	Sequence 334175,
19	11	100.0	13	10	US-09-893-252-4	Sequence 4, Appli
20	11	100.0	13	14	US-10-038-335-1	Sequence 1, Appli
21	11	100.0	13	14	US-10-038-335-2	Sequence 2, Appli
22	11	100.0	13	16	US-10-347-253-1	Sequence 1, Appli
23	11	100.0	13	16	US-10-368-451-1	Sequence 1, Appli
24	11	100.0	13	17	US-10-463-076-8	Sequence 8, Appli
25	11	100.0	13	20	US-10-257-017B-19897	Sequence 19897, A
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C 28	11	100.0	13	21	US-10-967-755-8	Sequence 8, Appli
29	11	100.0	16	16	US-10-232-927A-20	Sequence 20, Appli
C 30	11	100.0	16	19	US-10-333-152A-8	Sequence 8, Appli
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C 32	11	100.0	16	21	US-10-831-266-16	Sequence 16, Appli
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C 34	11	100.0	18	8	US-08-463-404-4	Sequence 4, Appli
C 35	11	100.0	18	8	US-08-463-404-5	Sequence 5, Appli
36	11	100.0	18	9	US-09-057-351-26	Sequence 26, Appli
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40	11	100.0	18	9	US-09-893-252-1	Sequence 1, Appli
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C 42	11	100.0	18	14	US-10-132-002-4	Sequence 4, Appli
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C 44	11	100.0	18	14	US-10-044-692-295	Sequence 295, App
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46	11	100.0	18	15	US-10-044-539-295	Sequence 295, App
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48	11	100.0	18	15	US-10-336-265-11	Sequence 11, Appli
49	11	100.0	18	15	US-10-336-265-15	Sequence 15, Appli
50	11	100.0	18	15	US-10-336-265-60	Sequence 60, Appli
51	11	100.0	18	15	US-10-336-265-61	Sequence 61, Appli
C 52	11	100.0	18	16	US-10-359-935-26	Sequence 26, Appli
53	11	100.0	18	16	US-10-323-032-4	Sequence 4, Appli
C 54	11	100.0	18	16	US-10-323-032-5	Sequence 5, Appli
55	11	100.0	18	16	US-10-330-872-6	Sequence 6, Appli
56	11	100.0	18	16	US-10-330-872-7	Sequence 7, Appli
C 57	11	100.0	18	16	US-10-232-927A-3	Sequence 3, Appli
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59	11	100.0	18	16	US-10-232-927A-8	Sequence 8, Appli
60	11	100.0	18	16	US-10-232-927A-21	Sequence 21, Appli
C 61	11	100.0	18	16	US-10-232-927A-23	Sequence 23, Appli
C 62	11	100.0	18	16	US-10-232-927A-24	Sequence 24, Appli
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66	11	100.0	18	16	US-10-325-810-528	Sequence 528, App
67	11	100.0	18	17	US-10-325-810-529	Sequence 529, App
68	11	100.0	18	17	US-10-463-076-7	Sequence 7, Appli
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71	11	100.0	18	19	US-10-691-633-4	Sequence 4, Appli
C 72	11	100.0	18	19	US-10-691-633-5	Sequence 5, Appli
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76	11	100.0	18	20	US-10-877-124-621	Sequence 621, App
C 77	11	100.0	18	20	US-10-877-022-528	Sequence 528, App
78	11	100.0	18	20	US-10-877-022-529	Sequence 529, App
79	11	100.0	18	20	US-10-877-022-621	Sequence 621, App
80	11	100.0	18	20	US-10-489-839-3	Sequence 3, Appli

81 Sequence 1, Appli
82 Sequence 528, App
83 Sequence 529, App
84 Sequence 621, App
85 Sequence 7, Appli
86 Sequence 6, Appli
87 Sequence 7, Appli
88 Sequence 35, Appli
89 Sequence 19, Appli
90 Sequence 6443, Ap
91 Sequence 15, Appli
92 Sequence 17, Appli
93 Sequence 40, Appli
94 Sequence 36, Appli
95 Sequence 37, Appli
96 Sequence 808, App
97 Sequence 853, App
98 Sequence 853, App
99 Sequence 824, App
100 Sequence 853, App

ALIGNMENTS

RESULT 1
US-09-057-351-2/c
; Sequence 2, Application US/09057351
; Patent No. US20010034439A1
; GENERAL INFORMATION:
; APPLICANT: Villegonteu, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/057,351
; FILING DATE: 08-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,802
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-09-057-351-2
Query Match 100.0%; Score 11; DB 9; Length 11;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1
RESULT 2
US-09-835-370-63
; Sequence 63, Application US/09835370
; Publication No. US20030022172A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; APPLICANT: WILL, DAVID W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/09/835,370
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 63
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
; OTHER INFORMATION: base sequence of RNA derivatives that bind to
; OTHER INFORMATION: viral and cellular targets
US-09-835-370-63

Query Match 100.0%; Score 11; DB 10; Length 11;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11
RESULT 3
US-10-122-630-5
; Sequence 5, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilcrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5

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; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-5

Query Match      100.0%; Score 11; DB 14; Length 11;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
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Db 1 GTTAGGGTTAG 11

RESULT 4
US-10-122-630-9/c
; Sequence 9, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-9

Query Match      100.0%; Score 11; DB 14; Length 11;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
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Db 1 GTTAGGGTTAG 11

RESULT 5
US-10-122-633-5
; Sequence 5, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US02/09138
; PRIOR FILING DATE: 2002-03-21
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; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-5

Query Match      100.0%; Score 11; DB 14; Length 11;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
   |||||
Db 1 GTTAGGGTTAG 11

RESULT 6
US-10-122-633-9/c
; Sequence 9, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-9

Query Match      100.0%; Score 11; DB 14; Length 11;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
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Db 1 GTTAGGGTTAG 11

RESULT 7
US-10-255-535-4
; Sequence 4, Application US/10255535
; Publication No. US20030138814A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Tolman, Richard L.
; APPLICANT: Morin, Gregg B.
; TITLE OF INVENTION: Oligonucleotide Conjugates
; FILE REFERENCE: 072/002P
; CURRENT APPLICATION NUMBER: US/10/255,535
; CURRENT FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: PCT/US02/09138
; PRIOR FILING DATE: 2002-03-21
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; PRIOR APPLICATION NUMBER: US 60/278,322
; PRIOR FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-255-535-4

Query Match 100.0%; Score 11; DB 15; Length 11;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
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Db 1 GTTAGGGTTAG 11

RESULT 8
US-10-255-535-14
; Sequence 14, Application US/10255535
; Publication No. US20030138814A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Tolman, Richard L.
; APPLICANT: Morin, Gregg B.
; TITLE OF INVENTION: Oligonucleotide Conjugates
; FILE REFERENCE: 072/002P
; CURRENT APPLICATION NUMBER: US/10/255,535
; CURRENT FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: PC/US02/09138
; PRIOR FILING DATE: 2002-03-21
; PRIOR APPLICATION NUMBER: US 60/278,322
; PRIOR FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-255-535-14

Query Match 100.0%; Score 11; DB 15; Length 11;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
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Db 1 GTTAGGGTTAG 11

RESULT 9
US-10-359-935-2/c
; Sequence 2, Application US/10359935
; Publication No. US20030153076A1
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco

; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/359,935
; FILING DATE: 07-Feb-2003
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/057,351
; FILING DATE: 08-APR-1994
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; APPLICATION NUMBER: US 08/472,802
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000821US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-359-935-2

Query Match 100.0%; Score 11; DB 16; Length 11;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
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Db 11 GTTAGGGTTAG 1

RESULT 10
US-10-463-076-1
; Sequence 1, Application US/10463076
; Publication No. US20030212032A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Matray, Tracey
; TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis ar
; FILE REFERENCE: 039/004C
; CURRENT APPLICATION NUMBER: US/10/463,076
; CURRENT FILING DATE: 2003-06-17
; PRIOR APPLICATION NUMBER: US 09/657,445
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: US 60/153,201
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/160,444
; PRIOR FILING DATE: 1999-10-19
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-10-463-076-1

Query Match 100.0%; Score 11; DB 17; Length 11;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
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Db 1 GTTAGGGTTAG 11

RESULT 11

US-10-181-823-16

; Sequence 16, Application US/10181823

; Publication No. US20040126752A1

; GENERAL INFORMATION:

; APPLICANT: Geron Corporation

; APPLICANT: Gryaznov, Sergei

; APPLICANT: Schultz, Ronald G

; TITLE OF INVENTION: 2'-Arabino-Fluoroligonucleotide N3'-->P5' Phosphoramidates: Thei

; TITLE OF INVENTION: Synthesis and Use

; FILE REFERENCE: 049/002

; CURRENT APPLICATION NUMBER: US/10/181,823

; CURRENT FILING DATE: 2003-12-29

; PRIOR APPLICATION NUMBER: PCT/US01/01918

; PRIOR FILING DATE: 2001-01-19

; NUMBER OF SEQ ID NOS: 23

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 16

; LENGTH: 11

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-181-823-16

Query Match

Best Local Similarity 100.0%; Score 11; DB 19; Length 11;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
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Db 1 GTTAGGGTTAG 11

RESULT 12

US-10-181-823-20

; Sequence 20, Application US/10181823

; Publication No. US20040126752A1

; GENERAL INFORMATION:

; APPLICANT: Geron Corporation

; APPLICANT: Gryaznov, Sergei

; APPLICANT: Schultz, Ronald G

; TITLE OF INVENTION: 2'-Arabino-Fluoroligonucleotide N3'-->P5' Phosphoramidates: Thei

; TITLE OF INVENTION: Synthesis and Use

; FILE REFERENCE: 049/002

; CURRENT APPLICATION NUMBER: US/10/181,823

; CURRENT FILING DATE: 2003-12-29

; PRIOR APPLICATION NUMBER: PCT/US01/01918

; PRIOR FILING DATE: 2001-01-19

; NUMBER OF SEQ ID NOS: 23

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 20

; LENGTH: 11

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-181-823-20

Query Match

Best Local Similarity 100.0%; Score 11; DB 19; Length 11;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|||||

Db 1 GTTAGGGTTAG 11

Db 1 GTTAGGGTTAG 11

RESULT 13

US-10-863-999-63

; Sequence 63, Application US/10863999

; Publication No. US20040265885A1

; GENERAL INFORMATION:

; APPLICANT: UHLMANN, EUGEN

; APPLICANT: BREIPOHL, GERHARD

; APPLICANT: WILL, DAVID W

; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND

; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM

; FILE REFERENCE: 02481.1742 SEQUENCE LISTING

; CURRENT APPLICATION NUMBER: US/10/863,999

; CURRENT FILING DATE: 2004-06-09

; PRIOR APPLICATION NUMBER: US/09/835,370

; PRIOR FILING DATE: 2001-04-17

; NUMBER OF SEQ ID NOS: 64

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 63

; LENGTH: 11

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: nucleotide

; OTHER INFORMATION: base sequence of PNA derivatives that bind to

; OTHER INFORMATION: viral and cellular targets

US-10-863-999-63

Query Match

Best Local Similarity 100.0%; Score 11; DB 20; Length 11;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|||||

Db 1 GTTAGGGTTAG 11

RESULT 14

US-10-831-266-1/c

; Sequence 1, Application US/10831266

; Publication No. US2005003404A1

; GENERAL INFORMATION:

; APPLICANT: Rowley, Peter T.

; TITLE OF INVENTION: TELOMERASE INTERFERENCE

; FILE REFERENCE: A-71506-1/RFT/THR

; CURRENT APPLICATION NUMBER: US/10/831,266

; CURRENT FILING DATE: 2004-04-22

; PRIOR APPLICATION NUMBER: PCT/US 02/33065

; PRIOR FILING DATE: 2002-10-16

; PRIOR APPLICATION NUMBER: US 60/345,326

; PRIOR FILING DATE: 2001-10-22

; PRIOR APPLICATION NUMBER: US 60/359,196

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/383,195

; PRIOR FILING DATE: 2002-05-22

; NUMBER OF SEQ ID NOS: 17

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1

; LENGTH: 11

; TYPE: RNA

; ORGANISM: Artificial

; FEATURE:

; OTHER INFORMATION: telomerase RNA fragment

US-10-831-266-1

Query Match

Best Local Similarity 100.0%; Score 11; DB 21; Length 11;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|||||

Db 1 GTTAGGGTTAG 11

```
Db      11 GTTAGGGTTAG 1

RESULT 15
US-10-831-267-1/c
; Sequence 1, Application US/10831267
; Publication No. US20050009177A1
; GENERAL INFORMATION:
; APPLICANT: Rowley, Peter T.
; TITLE OF INVENTION: TELOMERASE INTERFERENCE
; FILE REFERENCE: A-71506-2/RPT/THR
; CURRENT APPLICATION NUMBER: US/10/831,267
; CURRENT FILING DATE: 2004-04-22
; PRIOR FILING DATE: 2004-04-22
; PRIOR APPLICATION NUMBER: PCT/US 02/33146
; PRIOR FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US 60/345,326
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/359,196
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/383,195
; PRIOR FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: telomerase RNA fragment
US-10-831-267-1

Query Match      100.0%; Score 11; DB 21; Length 11;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTTAGGGTTAG 1
      |||||
Db      11 GTTAGGGTTAG 1

RESULT 16
US-10-967-755-1
; Sequence 1, Application US/10967755
; Publication No. US20050049408A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pomracz, Krisztina
; APPLICANT: Matray, Tracey
; TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis a
; FILE REFERENCE: 039/005C
; CURRENT APPLICATION NUMBER: US/10/967,755
; CURRENT FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: US 10/463,076
; PRIOR FILING DATE: 2003-06-17
; PRIOR APPLICATION NUMBER: US 09/657,445
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: US 60/153,201
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/160,444
; PRIOR FILING DATE: 1999-10-19
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-10-967-755-1

Query Match      100.0%; Score 11; DB 21; Length 11;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;

Db      11 GTTAGGGTTAG 1

RESULT 17
US-10-257-017B-305261
; Sequence 305261, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 305261
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0021360
US-10-257-017B-305261

Query Match      100.0%; Score 11; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTTAGGGTTAG 1
      |||||
Db      1 GTTAGGGTTAG 1

RESULT 18
US-10-257-017B-334175/c
; Sequence 334175, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 334175
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0037989
US-10-257-017B-334175

Query Match      100.0%; Score 11; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTTAGGGTTAG 1
      |||||
Db      12 GTTAGGGTTAG 2
```


RESULT 19

US-09-893-252-4
; Sequence 4, Application US/09893252
; Publication No. US20030012755A1
; GENERAL INFORMATION:
; APPLICANT: Styczynski, Peter
; APPLICANT: Ahluwalia, Gurpreet S.
; TITLE OF INVENTION: REDUCTION OF HAIR GROWTH
; FILE REFERENCE: 00216-552001
; CURRENT APPLICATION NUMBER: US/09/893,252
; CURRENT FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-893-252-4

Query Match 100.0%; Score 11; DB 10; Length 13;
Best Local Similarity 63.6%; Pred. No. 8.2e+03;
Matches 7; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|:|||||:
Db 3 GUUAGGUUAG 13

RESULT 20

US-10-038-335-1
; Sequence 1, Application US/10038335
; Publication No. US20030096776A1
; GENERAL INFORMATION:
; APPLICANT: Ecker, David J.
; APPLICANT: Wyatt, Jacqueline
; APPLICANT: Bennett, C. Frank
; APPLICANT: Hanecak, Ronnie
; APPLICANT: Brown-Driver, Vickie
; APPLICANT: Vickers, Timothy
; APPLICANT: Chiang, Ming-yi
; APPLICANT: Anderson, Kevin
; TITLE OF INVENTION: Modulation Of Telomere Length By Oligonucleotides Having A G-Core
; FILE REFERENCE: ISIS-4976
; CURRENT APPLICATION NUMBER: US/10/038,335
; CURRENT FILING DATE: 2001-01-02
; PRIOR FILING DATE: 1999-04-23
; PRIOR APPLICATION NUMBER: 08/403,888
; PRIOR FILING DATE: 1993-06-12
; PRIOR FILING DATE: 1993-09-29
; PRIOR APPLICATION NUMBER: 07/954,185
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 13
; TYPE: DNA
; ORGANISM: No. US20030096776A1el sequence
; FEATURE:
; OTHER INFORMATION: Antisense sequence
US-10-038-335-1

Query Match 100.0%; Score 11; DB 14; Length 13;
Best Local Similarity 63.6%; Pred. No. 8.2e+03;
Matches 7; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|:|||||:
Db 3 GUUAGGUUAG 13

RESULT 21

US-10-038-335-2
; Sequence 2, Application US/10038335
; Publication No. US20030096776A1
; GENERAL INFORMATION:
; APPLICANT: Ecker, David J.
; APPLICANT: Wyatt, Jacqueline
; APPLICANT: Bennett, C. Frank
; APPLICANT: Hanecak, Ronnie
; APPLICANT: Brown-Driver, Vickie
; APPLICANT: Vickers, Timothy
; APPLICANT: Chiang, Ming-yi
; APPLICANT: Anderson, Kevin
; TITLE OF INVENTION: Modulation Of Telomere Length By Oligonucleotides Having A G-Core
; FILE REFERENCE: ISIS-4976
; CURRENT APPLICATION NUMBER: US/10/038,335
; CURRENT FILING DATE: 2001-01-02
; PRIOR FILING DATE: 1999-04-23
; PRIOR APPLICATION NUMBER: 08/403,888
; PRIOR FILING DATE: 1993-06-12
; PRIOR FILING DATE: 1993-09-29
; PRIOR APPLICATION NUMBER: 07/954,185
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 13
; TYPE: DNA
; ORGANISM: No. US20030096776A1el sequence
; FEATURE:
; OTHER INFORMATION: Antisense sequence
US-10-038-335-2

Query Match 100.0%; Score 11; DB 14; Length 13;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|:|||||:
Db 3 GTTAGGGTTAG 13

RESULT 22

US-10-347-253-1
; Sequence 1, Application US/10347253
; Publication No. US20030175776A1
; GENERAL INFORMATION:
; APPLICANT: Hitachi Software Engineering Co.,Ltd.,
; TITLE OF INVENTION: Accelerator And Acceleration Method For Hybridization
; FILE REFERENCE: 13B051
; CURRENT APPLICATION NUMBER: US/10/347,253
; CURRENT FILING DATE: 2003-01-21
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
US-10-347-253-1

Query Match 100.0%; Score 11; DB 16; Length 13;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|:|||||:
Db 1 GTTAGGGTTAG 11

```
RESULT 23
US-10-368-451-1
; Sequence 1, Application US/10368451
; Publication No. US20030186298A1
; GENERAL INFORMATION:
; APPLICANT: Hitachi Software Engineering Co., Ltd.
; TITLE OF INVENTION: POLYMER CHIP AND METHOD FOR IDENTIFYING AN IONIC POLYMER
; FILE REFERENCE: PH-1700
; CURRENT APPLICATION NUMBER: US/10/368,451
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: JP 2002-090129
; PRIOR FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial sequence synthesized by the inventors
US-10-368-451-1
Query Match      100.0%; Score 11; DB 16; Length 13;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTTAGGGTTAG 11
Db      1 GTTAGGGTTAG 11

RESULT 24
US-10-463-076-8
; Sequence 8, Application US/10463076
; Publication No. US20030212032A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Matray, Tracey
; TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis a
; FILE REFERENCE: 039/004C
; CURRENT APPLICATION NUMBER: US/10/463,076
; CURRENT FILING DATE: 2003-06-17
; PRIOR APPLICATION NUMBER: US 09/657,445
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: US 60/153,201
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/160,444
; PRIOR FILING DATE: 1999-10-19
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-10-463-076-8
Query Match      100.0%; Score 11; DB 17; Length 13;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTTAGGGTTAG 11
Db      3 GTTAGGGTTAG 13

RESULT 25
US-10-257-017B-19897
; Sequence 19897, Application US/10257017B
```

```
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 19897
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC00004102
US-10-257-017B-19897
Query Match      100.0%; Score 11; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTTAGGGTTAG 11
Db      2 GTTAGGGTTAG 12

RESULT 26
US-10-257-017B-19898/c
; Sequence 19898, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 19898
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC00004102
US-10-257-017B-19898
Query Match      100.0%; Score 11; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTTAGGGTTAG 11
Db      12 GTTAGGGTTAG 2

RESULT 27
US-10-257-017B-102799
; Sequence 102799, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
```

FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
PRIOR FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 102799
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0025688
US-10-257-017B-102799

Query Match 100.0%; Score 11; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
| | | | | | | | | | | | |
Db 1 GTTAGGGTTAG 11

RESULT 28

US-10-257-017B-102800/c
Sequence 102800, Application US/10257017B
Publication No. US20040241651A1

GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 102800
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0025688
US-10-257-017B-102800

Query Match 100.0%; Score 11; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
| | | | | | | | | | | | |
Db 13 GTTAGGGTTAG 3

RESULT 29

US-10-967-755-8
Sequence 8, Application US/10967755
Publication No. US20050049408A1

GENERAL INFORMATION:
APPLICANT: Geron Corporation
APPLICANT: Gryaznov, Sergei
APPLICANT: Pongracz, Krisztina
APPLICANT: Matray, Tracey
TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis a
FILE REFERENCE: 039/005C
CURRENT APPLICATION NUMBER: US/10/967,755
CURRENT FILING DATE: 2004-10-18
PRIOR APPLICATION NUMBER: US 10/463,076
PRIOR FILING DATE: 2003-06-17
PRIOR APPLICATION NUMBER: US 09/657,445
PRIOR FILING DATE: 2000-09-08

PRIOR APPLICATION NUMBER: US 60/153,201
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/160,444
PRIOR FILING DATE: 1999-10-19
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-10-967-755-8

Query Match 100.0%; Score 11; DB 21; Length 13;
Best Local Similarity 100.0%; Pred. No. 8.2e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
| | | | | | | | | | | | |
Db 3 GTTAGGGTTAG 13

RESULT 30

US-10-232-927A-20/c
Sequence 20, Application US/10232927A
Publication No. US20030190638A1

GENERAL INFORMATION:
APPLICANT: Michael D. West
APPLICANT: Calvin B. Harley
APPLICANT: Scott L. Weinrich
APPLICANT: Catherine M. Strahl
APPLICANT: Michael J. Mceachern
APPLICANT: Jerry Shay
APPLICANT: Woodring E. Wright
APPLICANT: Elizabeth H. Blackburn
APPLICANT: Nam Woo Kim
APPLICANT: Homayoun Vaziri
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
CONDITIONS RELATED TO
TELOMERE LENGTH AND/OR
TELOMERASE ACTIVITY

NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/232,927A
FILING DATE: 29-Aug-2002
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/378,535
FILING DATE: 20-Aug-1999
APPLICATION NUMBER: 08/819,867

FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Chambers, Daniel M.
REGISTRATION NUMBER: 34,561
REFERENCE/DOCKET NUMBER: 224/232
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

```
;
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 16 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-10-232-927A-20

Query Match      100.0%; Score 11; DB 16; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.1e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 13 GTTAGGGTTAG 3

RESULT 31
US-10-333-152A-8
; Sequence 8, Application US/10333152A
; Publication No. US20040170980A1
; GENERAL INFORMATION:
; APPLICANT: SAITO, ISAO
; APPLICANT: NAKATANI, KAZUHIKO
; APPLICANT: SANDO, SHINSUKE
; TITLE OF INVENTION: MOLECULES CAPABLE OF BINDING TO TELOMERE AND THE LIKE
; FILE REFERENCE: 58449 (71526)
; CURRENT APPLICATION NUMBER: US/10/333,152A
; CURRENT FILING DATE: 2003-01-16
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: JP 2000-216376
; PRIOR FILING DATE: 2000-07-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-333-152A-8

Query Match      100.0%; Score 11; DB 19; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.1e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 6 GTTAGGGTTAG 16

RESULT 32
US-10-780-464-2/c
; Sequence 2, Application US/10780464
; Publication No. US20040219634A1
; GENERAL INFORMATION:
; APPLICANT: Ishikawa, Fuyuki
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Artificial Chromosome
; FILE REFERENCE: 50026/016002
; CURRENT APPLICATION NUMBER: US/10/780,464
; CURRENT FILING DATE: 2004-02-17
; PRIOR FILING DATE: 2000-03-13
; PRIOR APPLICATION NUMBER: PCT/JP97/03305
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: JP 8/246749
; PRIOR FILING DATE: 1996-09-18
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; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-780-464-2

Query Match      100.0%; Score 11; DB 20; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.1e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 14 GTTAGGGTTAG 4

RESULT 33
US-10-831-266-16/c
; Sequence 16, Application US/10831266
; Publication No. US20050003404A1
; GENERAL INFORMATION:
; APPLICANT: Rowley, Peter T.
; TITLE OF INVENTION: TELOMERASE INTERFERENCE
; FILE REFERENCE: A-71506-1/RFT/THR
; CURRENT APPLICATION NUMBER: US/10/831,266
; CURRENT FILING DATE: 2004-04-22
; PRIOR APPLICATION NUMBER: PCT/US 02/33065
; PRIOR FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US 60/345,326
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/359,196
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/383,195
; PRIOR FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-831-266-16

Query Match      100.0%; Score 11; DB 21; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.1e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 13 GTTAGGGTTAG 3

RESULT 34
US-10-831-267-22/c
; Sequence 22, Application US/10831267
; Publication No. US20050009177A1
; GENERAL INFORMATION:
; APPLICANT: Rowley, Peter T.
; TITLE OF INVENTION: TELOMERASE INTERFERENCE
; FILE REFERENCE: A-71506-2/RFT/THR
; CURRENT APPLICATION NUMBER: US/10/831,267
; CURRENT FILING DATE: 2004-04-22
; PRIOR APPLICATION NUMBER: PCT/US 02/33146
; PRIOR FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US 60/345,326
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/359,196
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/383,195
; PRIOR FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22
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; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-831-267-22

Query Match 100.0%; Score 11; DB 21; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.1e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 13 GTTAGGGTTAG 3

RESULT 35

US-08-463-404-4/c
; Sequence 4, Application US/08463404
; Publication No. US20020127634A1
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Jerry W. Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth Blackburn
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
; TITLE OF INVENTION: RELATED TO TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/463,404
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/060,952
FILING DATE: May 13, 1993
APPLICATION NUMBER: 07/882,438
FILING DATE: May 13, 1992
APPLICATION NUMBER: 08/038,766
FILING DATE: March 24, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 202/045
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

Query Match 100.0%; Score 11; DB 8; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.1e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11

Db 13 GTTAGGGTTAG 3

RESULT 36

US-08-463-404-5
; Sequence 5, Application US/08463404
; Publication No. US20020127634A1
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Jerry W. Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth Blackburn
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
; TITLE OF INVENTION: RELATED TO TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/463,404
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/060,952
FILING DATE: May 13, 1993
APPLICATION NUMBER: 07/882,438
FILING DATE: May 13, 1992
APPLICATION NUMBER: 08/038,766
FILING DATE: March 24, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 202/045
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-463-404-5
Query Match 100.0%; Score 11; DB 8; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.1e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 6 GTTAGGGTTAG 16

RESULT 37

US-09-057-351-26
; Sequence 26, Application US/09057351
; Patent No. US20010034439A1
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant

APPLICANT: Peng, Junli
APPLICANT: Funk, Walter
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3824
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/057,351
FILING DATE: 08-APR-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,802
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-000821US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-057-351-26

Query Match 100.0%; Score 11; DB 9; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.1e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
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Db 6 GTTAGGGTTAG 16

RESULT 38
US-09-947-659-1/c
Sequence 1, Application US/09947659
Patent No. US20020114797A1
GENERAL INFORMATION:
APPLICANT: CHABOT, Benoit
TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATING THE LENGTH OF
FILE REFERENCE: 13024.2
CURRENT APPLICATION NUMBER: US/09/947,659
CURRENT FILING DATE: 2001-09-06
PRIOR APPLICATION NUMBER: US 09/214,178
PRIOR FILING DATE: 1999-02-25
PRIOR APPLICATION NUMBER: PCT/CA97/00471
PRIOR FILING DATE: 1997-06-30
PRIOR APPLICATION NUMBER: 60/020,956
PRIOR FILING DATE: 1996-07-01
NUMBER OF SEQ ID NOS: 10

SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide
US-09-947-659-1

Query Match 100.0%; Score 11; DB 9; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.1e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
| | | | | | | | | |
Db 13 GTTAGGGTTAG 3

RESULT 39
US-09-947-659-2
Sequence 2, Application US/09947659
Patent No. US20020114797A1
GENERAL INFORMATION:
APPLICANT: CHABOT, Benoit
TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATING THE LENGTH OF
FILE REFERENCE: 13024.2
CURRENT APPLICATION NUMBER: US/09/947,659
CURRENT FILING DATE: 2001-09-06
PRIOR APPLICATION NUMBER: US 09/214,178
PRIOR FILING DATE: 1999-02-25
PRIOR APPLICATION NUMBER: PCT/CA97/00471
PRIOR FILING DATE: 1997-06-30
PRIOR APPLICATION NUMBER: 60/020,956
PRIOR FILING DATE: 1996-07-01
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide
US-09-947-659-2

Query Match 100.0%; Score 11; DB 9; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.1e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
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Db 6 GTTAGGGTTAG 16

RESULT 40
US-09-947-659-7
Sequence 7, Application US/09947659
Patent No. US20020114797A1
GENERAL INFORMATION:
APPLICANT: CHABOT, Benoit
TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATING THE LENGTH OF
FILE REFERENCE: 13024.2
CURRENT APPLICATION NUMBER: US/09/947,659
CURRENT FILING DATE: 2001-09-06
PRIOR APPLICATION NUMBER: US 09/214,178
PRIOR FILING DATE: 1999-02-25
PRIOR APPLICATION NUMBER: PCT/CA97/00471
PRIOR FILING DATE: 1997-06-30
PRIOR APPLICATION NUMBER: 60/020,956
PRIOR FILING DATE: 1996-07-01

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; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-09-947-659-7
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Query Match      100.0%; Score 11; DB 9; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.1e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      1 GTTAGGGTTAG 11
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Db      2 GTTAGGGTTAG 12
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: July 12, 2005, 15:44:02 ; Search time 64.8861 Seconds

(without alignments)
277.395 Million cell updates/sec

Title: US-09-540-843-5

Perfect score: 11

Sequence: 1 gtagggtag 11

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 1407054

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Issued Patents NA:
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2: /cgn2_6/ptodata/1/ina/5B COMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 2	11	100.0	11	1	US-08-482-115B-2
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C 4	11	100.0	11	2	US-08-531-743-11
C 5	11	100.0	11	2	US-08-531-743-12
C 6	11	100.0	11	2	US-08-485-778-36
C 7	11	100.0	11	2	US-08-472-802C-3
C 8	11	100.0	11	3	US-08-520-550A-36
C 9	11	100.0	11	3	US-08-630-019A-9
C 10	11	100.0	11	3	US-08-630-019A-30
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C 12	11	100.0	11	3	US-08-838-545-13
C 13	11	100.0	11	3	US-08-838-545-31
C 14	11	100.0	11	3	US-08-838-545-44
C 15	11	100.0	11	3	US-08-998-443-2
C 16	11	100.0	11	3	US-09-060-523-2
C 17	11	100.0	11	3	US-09-349-532-13
C 18	11	100.0	11	3	US-09-349-532-31
C 19	11	100.0	11	3	US-09-349-532-44
C 20	11	100.0	11	3	US-09-580-517-2
C 21	11	100.0	11	4	US-09-057-351-2
C 22	11	100.0	11	4	US-09-657-445A-1
C 23	11	100.0	11	4	US-09-835-370-63
C 24	11	100.0	11	4	US-10-463-076-1
C 25	11	100.0	12	3	US-08-630-019A-10
C 26	11	100.0	12	3	US-08-838-545-8
C 27	11	100.0	12	3	US-09-349-532-8

28	11	100.0	13	3	US-08-630-019A-11	Sequence 11, Appl
29	11	100.0	13	3	US-08-630-019A-15	Sequence 15, Appl
30	11	100.0	13	3	US-08-838-545-1	Sequence 1, Appl
31	11	100.0	13	3	US-08-838-545-12	Sequence 12, Appl
32	11	100.0	13	3	US-09-349-532-1	Sequence 1, Appl
33	11	100.0	13	3	US-09-349-532-12	Sequence 12, Appl
34	11	100.0	13	4	US-09-657-445A-8	Sequence 8, Appl
35	11	100.0	13	4	US-10-463-076-8	Sequence 8, Appl
36	11	100.0	13	2	US-08-531-743-4	Sequence 4, Appl
37	11	100.0	15	3	US-08-630-019A-12	Sequence 12, Appl
38	11	100.0	15	3	US-08-630-019A-18	Sequence 18, Appl
39	11	100.0	15	3	US-08-630-019A-40	Sequence 40, Appl
40	11	100.0	15	3	US-08-838-545-2	Sequence 2, Appl
41	11	100.0	15	3	US-08-838-545-5	Sequence 5, Appl
42	11	100.0	15	3	US-08-838-545-45	Sequence 45, Appl
43	11	100.0	15	3	US-09-349-532-2	Sequence 2, Appl
44	11	100.0	15	3	US-09-349-532-5	Sequence 5, Appl
45	11	100.0	15	3	US-09-349-532-45	Sequence 45, Appl
46	11	100.0	16	1	US-08-153-051B-11	Sequence 11, Appl
47	11	100.0	16	2	US-08-151-477A-11	Sequence 11, Appl
48	11	100.0	16	3	US-08-819-867-20	Sequence 20, Appl
49	11	100.0	16	3	US-08-464-011B-60	Sequence 60, Appl
50	11	100.0	16	4	US-09-378-535-20	Sequence 20, Appl
51	11	100.0	17	2	US-08-531-743-13	Sequence 13, Appl
52	11	100.0	17	3	US-08-857-721-12	Sequence 12, Appl
53	11	100.0	17	3	US-08-857-721-13	Sequence 13, Appl
54	11	100.0	18	1	US-08-038-766-4	Sequence 4, Appl
55	11	100.0	18	1	US-08-038-766-5	Sequence 5, Appl
56	11	100.0	18	1	US-08-315-214-8	Sequence 8, Appl
57	11	100.0	18	1	US-08-315-214-9	Sequence 9, Appl
58	11	100.0	18	1	US-08-315-214-10	Sequence 10, Appl
59	11	100.0	18	1	US-08-381-097A-4	Sequence 4, Appl
60	11	100.0	18	1	US-08-153-051B-5	Sequence 5, Appl
61	11	100.0	18	1	US-08-153-051B-31	Sequence 31, Appl
62	11	100.0	18	1	US-08-315-216-5	Sequence 5, Appl
63	11	100.0	18	1	US-08-315-216-6	Sequence 6, Appl
64	11	100.0	18	1	US-08-315-216-9	Sequence 9, Appl
65	11	100.0	18	1	US-08-475-778-4	Sequence 4, Appl
66	11	100.0	18	1	US-08-475-778-5	Sequence 5, Appl
67	11	100.0	18	1	US-08-337-684-7	Sequence 7, Appl
68	11	100.0	18	1	US-08-060-952C-4	Sequence 4, Appl
69	11	100.0	18	1	US-08-060-952C-5	Sequence 5, Appl
70	11	100.0	18	1	US-08-487-290-4	Sequence 4, Appl
71	11	100.0	18	1	US-08-487-290-5	Sequence 5, Appl
72	11	100.0	18	1	US-08-482-115B-27	Sequence 27, Appl
73	11	100.0	18	1	US-08-632-662A-15	Sequence 15, Appl
74	11	100.0	18	1	US-08-632-662A-16	Sequence 16, Appl
75	11	100.0	18	1	US-08-632-662A-17	Sequence 17, Appl
76	11	100.0	18	2	US-08-151-477A-5	Sequence 5, Appl
77	11	100.0	18	2	US-08-151-477A-31	Sequence 31, Appl
78	11	100.0	18	2	US-08-660-402-13	Sequence 13, Appl
79	11	100.0	18	2	US-08-482-132A-8	Sequence 8, Appl
80	11	100.0	18	2	US-08-482-132A-9	Sequence 9, Appl
81	11	100.0	18	2	US-08-482-132A-10	Sequence 10, Appl
82	11	100.0	18	2	US-08-485-454-5	Sequence 5, Appl
83	11	100.0	18	2	US-08-480-037B-4	Sequence 4, Appl
84	11	100.0	18	2	US-08-480-037B-5	Sequence 5, Appl
85	11	100.0	18	2	US-08-531-743-7	Sequence 7, Appl
86	11	100.0	18	2	US-08-531-743-8	Sequence 8, Appl
87	11	100.0	18	2	US-08-531-743-9	Sequence 9, Appl
88	11	100.0	18	2	US-08-631-554A-15	Sequence 15, Appl
89	11	100.0	18	2	US-08-631-554A-16	Sequence 16, Appl
90	11	100.0	18	2	US-08-631-554A-17	Sequence 17, Appl
91	11	100.0	18	2	US-09-100-153-15	Sequence 15, Appl
92	11	100.0	18	2	US-09-100-153-16	Sequence 16, Appl
93	11	100.0	18	2	US-09-100-153-17	Sequence 17, Appl
94	11	100.0	18	2	US-08-472-802C-1	Sequence 1, Appl
95	11	100.0	18	2	US-08-833-377-8	Sequence 8, Appl
96	11	100.0	18	2	US-08-833-377-9	Sequence 9, Appl
97	11	100.0	18	2	US-08-833-377-15	Sequence 15, Appl
98	11	100.0	18	3	US-08-879-457-3	Sequence 3, Appl
99	11	100.0	18	3	US-08-819-867-3	Sequence 3, Appl
100	11	100.0	18	3	US-08-819-867-4	Sequence 4, Appl

ALIGNMENTS

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RESULT 1
US-08-330-123A-2/c
; Sequence 2, Application US/08330123A
; Patent No. 5583016
; GENERAL INFORMATION:
; APPLICANT: VILLEPONTEAU, Bryant
; APPLICANT: FENG, Junli
; APPLICANT: FUNK, Walter
; APPLICANT: ANDREWS, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Khourie and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/330,123A
; FILING DATE: 27-OCT-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; NAME: Smith, William M
; ATTORNEY/AGENT INFORMATION:
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 15389-000810
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-08-330-123A-2

Query Match 100.0%; Score 11; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1

RESULT 2
US-08-482-115B-2/c
; Sequence 2, Application US/08482115B
; Patent No. 5776679
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Assays for the RNA Component of Human
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,115B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000830US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-08-482-115B-2

Query Match 100.0%; Score 11; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1

RESULT 3
US-08-660-678A-2/c
; Sequence 2, Application US/08660678A
; Patent No. 5837857
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/660,678A
; FILING DATE: 05-JUN-1996
; CLASSIFICATION: 435
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/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/330,123
/ FILING DATE: 27-OCT-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/272,102
/ FILING DATE: 07-JUL-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Storella, John R.
/ REGISTRATION NUMBER: 32,944
/ REFERENCE/DOCKET NUMBER: 015389-000811US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 11 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: RNA
US-08-660-678A-2

Query Match 100.0%; Score 11; DB 2; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1

RESULT 4
US-08-531-743-11
; Sequence 11, Application US/08531743
; Patent No. 5856096
; GENERAL INFORMATION:
; APPLICANT: Windle, Bradford E.
; APPLICANT: Qiu, Ming
; APPLICANT: Chen, Shi-fong
; APPLICANT: Fletcher, Terace M.
; APPLICANT: Maine, Ira
; TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and
; TITLE OF INVENTION: Distinguishing Between Processive and
; TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: United States of America
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/531,743
; FILING DATE: 20-SEP-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: CTCR:026/HYL
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-531-743-12

Query Match 100.0%; Score 11; DB 2; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1

RESULT 6
US-08-485-778-36/c
; Sequence 36, Application US/08485778
; Patent No. 5876979
; GENERAL INFORMATION:
; APPLICANT: Andrews, William H.
; APPLICANT: Avilion, Ariel Athena
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; APPLICANT: Peng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Greider, Carol
; APPLICANT: Marhuenda, Maria Antonia Blasco
; APPLICANT: Villeponteau, Bryant
; TITLE OF INVENTION: RNA COMPONENT OF TELOMERASE
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: US
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485.778
; FILING DATE: 07-JE-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/387,524
; FILING DATE: 13-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: CSHL94-05A4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; US-08-485-778-36

Query Match 100.0%; Score 11; DB 2; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1

RESULT 7
US-08-472-802C-3/c
; Sequence 3, Application US/08472802C
; Patent No. 5958690
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Peng, Junli
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
```

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,802C
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 15389-000820
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
; US-08-472-802C-3

Query Match 100.0%; Score 11; DB 2; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1

RESULT 8
US-08-520-550A-36/c
; Sequence 36, Application US/08520550A
; Patent No. 6013468
; GENERAL INFORMATION:
; APPLICANT: Andrews, William H.
; APPLICANT: Avillion, Ariel A.
; APPLICANT: Peng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Greider, Carol
; APPLICANT: Marhuenda, Maria A. B.
; APPLICANT: Villeponteau, Bryant
; TITLE OF INVENTION: RNA Component of Telomerase
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: US
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/520,550A
; FILING DATE: 29-AUG-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/387,524
; FILING DATE: 13-FEB-1995
```

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/330,123
;; FILING DATE: 27-OCT-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/272,102
;; FILING DATE: 07-JUL-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Granahan, Patricia
;; REGISTRATION NUMBER: 32,227
;; REFERENCE/DOCKET NUMBER: CSHL94-05A3B
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 617-861-6240
;; TELEFAX: 617-861-9540
;; INFORMATION FOR SEQ ID NO: 36:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 11 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: double
;; TOPOLOGY: linear
;; US-08-520-550A-36

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
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Db 11 GTTAGGGTTAG 1

RESULT 9
US-08-630-019A-9
; Sequence 9, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid

;; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
;; DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
;; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
;; DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
;; US-08-630-019A-9

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
|||||
Db 1 GTTAGGGTTAG 11

RESULT 10
US-08-630-019A-30/c
; Sequence 30, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
; US-08-630-019A-30

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
|||||
Db 11 GTTAGGGTTAG 1

RESULT 11
US-08-630-019A-39
; Sequence 39, Application US/08630019A
; Patent No. 6015710

```
/
/ GENERAL INFORMATION:
/ APPLICANT: Shay, Jerry W.
/ APPLICANT: Wright, Woodring E.
/ APPLICANT: Piatyszek, Mieczyslaw A.
/ APPLICANT: Corey, David
/ APPLICANT: No. 60157107ton, James C.
/ TITLE OF INVENTION: Modulation of Mammalian Telomerase by
/ TITLE OF INVENTION: Peptide Nucleic Acids
/ NUMBER OF SEQUENCES: 46
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Townsend and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, Eighth Floor
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94111-3834
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/630,019A
/ FILING DATE: 09-JUN-1996
/ CLASSIFICATION: 536
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Storella, John R.
/ REGISTRATION NUMBER: 32,944
/ REFERENCE/DOCKET NUMBER: 015389-001600US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 39:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 11 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "phosphorothioate (PS) nucleic acid"
/
/ US-08-630-019A-39
/
/ Query Match 100.0%; Score 11; DB 3; Length 11;
/ Best Local Similarity 100.0%; Pred. No. 6.7e+02;
/ Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
/ Qy 1 GTTAGGGTTAG 11
/ Db 1 GTTAGGGTTAG 11
/
/ RESULT 12
/ US-08-838-545-13
/ Sequence 13, Application US/08838545
/ Patent No. 6046307
/ GENERAL INFORMATION:
/ APPLICANT: Shay, Jerry W.
/ APPLICANT: Wright, Woodring E.
/ APPLICANT: Piatyszek, Mieczyslaw A.
/ APPLICANT: Corey, David R.
/ APPLICANT: No. 6046307ton, James C.
/ TITLE OF INVENTION: Modulation of Mammalian Telomerase by
/ TITLE OF INVENTION: Peptide Nucleic Acids
/ NUMBER OF SEQUENCES: 60
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Townsend and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, Eighth Floor
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94111-3834
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/838,545
/ FILING DATE: 09-APR-1997
/ CLASSIFICATION: 536
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Storella, John R.
```

```
/
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/838,545
/ FILING DATE: 09-APR-1997
/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/630,019
/ FILING DATE: 09-APR-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Storella, John R.
/ REGISTRATION NUMBER: 32,944
/ REFERENCE/DOCKET NUMBER: 015389-001610US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 11 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "peptide nucleic acid (PNA),
/ DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
/ DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
/ DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
/
/ US-08-838-545-13
/
/ Query Match 100.0%; Score 11; DB 3; Length 11;
/ Best Local Similarity 100.0%; Pred. No. 6.7e+02;
/ Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
/ Qy 1 GTTAGGGTTAG 11
/ Db 1 GTTAGGGTTAG 11
/
/ RESULT 13
/ US-08-838-545-31/c
/ Sequence 31, Application US/08838545
/ Patent No. 6046307
/ GENERAL INFORMATION:
/ APPLICANT: Shay, Jerry W.
/ APPLICANT: Wright, Woodring E.
/ APPLICANT: Piatyszek, Mieczyslaw A.
/ APPLICANT: Corey, David R.
/ APPLICANT: No. 6046307ton, James C.
/ TITLE OF INVENTION: Modulation of Mammalian Telomerase by
/ TITLE OF INVENTION: Peptide Nucleic Acids
/ NUMBER OF SEQUENCES: 60
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Townsend and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, Eighth Floor
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94111-3834
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/838,545
/ FILING DATE: 09-APR-1997
/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/630,019
/ FILING DATE: 09-APR-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Storella, John R.
```

```
;
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-08-838-545-31

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1

RESULT 14
US-08-838-545-44
; Sequence 44, Application US/08838545
; Patent No. 6046307
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6046307 (on, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 09-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
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; DESCRIPTION: /desc = "phosphorothioate (PS)
; DESCRIPTION: nucleic acid"
US-08-838-545-44

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 15
US-08-998-443-2/c
; Sequence 2, Application US/08998443
; Patent No. 6054575
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: US/08/998,443
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/660,678
; FILING DATE: 05-JUN-1996
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000811US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-08-998-443-2

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1
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```
RESULT 16
US-09-060-523-2/c
; Sequence 23, Application US/09060523
; Patent No. 6258535
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,523
; FILING DATE: 14-APR-1998
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/660,678
; FILING DATE: 05-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000813US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-09-060-523-2
Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1

RESULT 17
US-09-349-532-13
; Sequence 13, Application US/09349532
; Patent No. 6294650
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6294650ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
```

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; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/349,532
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/838,545
; FILING DATE: 09-APR-1997
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-09-349-532-13
Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 18
US-09-349-532-31/c
; Sequence 31, Application US/09349532
; Patent No. 6294650
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6294650ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/349,532
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/838,545
FILING DATE: 09-APR-1997
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid (BNA),
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy(ribose)-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-09-349-532-31

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1

RESULT 19
US-09-349-532-44
Sequence 44, Application US/09349532
Patent No. 6294650
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6294650ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/349,532
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/838,545
FILING DATE: 09-APR-1997

APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "phosphorothioate (PS)
DESCRIPTION: nucleic acid"
US-09-349-532-44

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 20
US-09-580-517-2/c
Sequence 2, Application US/09580517
Patent No. 6320039
GENERAL INFORMATION:
APPLICANT: VILLEPONTEAU, Bryant
FENG, Junli
FUNK, Walter
ANDREWS, William H.
TITLE OF INVENTION: HUMAN TELOMERASE
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Khourie and Crew
STREET: 379 Lytton Avenue
CITY: Palo Alto
STATE: California
COUNTRY: US
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/580,517
FILING DATE: 25-May-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/330,123
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 15389-000810
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA

; SEQUENCE DESCRIPTION: SEQ ID NO: 2;
US-09-580-517-2

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0;

Qy 1 GTTAGGGTTAG 11
|||||

Db 11 GTTAGGGTTAG 1

RESULT 21

US-09-057-351-2/c
; Sequence 2, Application US/09057351

; Patent No. 6548298

; GENERAL INFORMATION:

; APPLICANT: Villeponteau, Bryant

; APPLICANT: Feng, Junli

; APPLICANT: Funk, Walter

; APPLICANT: Andrews, William H.

; TITLE OF INVENTION: Mammalian Telomerase

; NUMBER OF SEQUENCES: 42

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Townsend and Townsend and Crew LLP

; STREET: Two Embarcadero Center, Eighth Floor

; CITY: San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94111-3834

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/057,351

; FILING DATE: 08-APR-1994

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/272,102

; FILING DATE: 07-JUL-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/330,123

; FILING DATE: 27-OCT-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/472,802

; FILING DATE: 07-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Storella, John R.

; REGISTRATION NUMBER: 32,944

; REFERENCE/DOCKET NUMBER: 015389-000821US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415) 576-0200

; TELEFAX: (415) 576-0300

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 11 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: RNA

US-09-057-351-2

Query Match 100.0%; Score 11; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0;

Qy 1 GTTAGGGTTAG 11
|||||

Db 11 GTTAGGGTTAG 1

RESULT 22

US-09-657-445A-1

; Sequence 1, Application US/09657445A

; Patent No. 6608036

; GENERAL INFORMATION:

; APPLICANT: Geron Corporation

; APPLICANT: Gryaznov, Sergei

; APPLICANT: Pongracz, Krisztina

; APPLICANT: Matray, Tracey

; TITLE OF INVENTION: Oligonucleotide N3'-p5' Thiophosphoramidates: Their Synthesis and

; FILE REFERENCE: 039/003

; CURRENT APPLICATION NUMBER: US/09/657,445A

; CURRENT FILING DATE: 2000-09-09

; PRIOR APPLICATION NUMBER: US 60/153,201

; PRIOR FILING DATE: 1999-09-10

; PRIOR APPLICATION NUMBER: US 60/160,444

; PRIOR FILING DATE: 1999-10-19

; NUMBER OF SEQ ID NOS: 9

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 1

; LENGTH: 11

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity

US-09-657-445A-1

Query Match 100.0%; Score 11; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0;

Qy 1 GTTAGGGTTAG 11
|||||

Db 1 GTTAGGGTTAG 11

RESULT 23

US-09-835-370-63

; Sequence 63, Application US/09835370

; Patent No. 6772544

; GENERAL INFORMATION:

; APPLICANT: UHLMANN, EUGEN

; APPLICANT: BREIPOHL, GERHARD

; APPLICANT: WILL, DAVID W

; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND

; PROCESSES FOR PREPARING THEM

; FILE REFERENCE: 02481.1742 SEQUENCE LISTING

; CURRENT APPLICATION NUMBER: US/09/835,370

; CURRENT FILING DATE: 2001-04-17

; NUMBER OF SEQ ID NOS: 64

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 63

; LENGTH: 11

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: nucleotide

; OTHER INFORMATION: base sequence of PNA derivatives that bind to

; OTHER INFORMATION: viral and cellular targets

US-09-835-370-63

Query Match 100.0%; Score 11; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0;

Qy 1 GTTAGGGTTAG 11
|||||

Db 1 GTTAGGGTTAG 11

RESULT 24

US-10-463-076-1

; Sequence 1, Application US/10463076

; Patent No. 6835826
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Matray, Tracey
; TITLE OF INVENTION: Oligonucleotide N3'-->p5' Thiophosphoramidates: Their Synthesis a
; FILE REFERENCE: 039/004C
; CURRENT APPLICATION NUMBER: US/10/463,076
; CURRENT FILING DATE: 2003-06-17
; PRIOR APPLICATION NUMBER: US 09/657,445
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: US 60/153,201
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: US 60/160,444
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-10-463-076-1

Query Match 100.0%; Score 11; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
||| |||||
DB 1 GTTAGGGTTAG 11

RESULT 25
US-08-630-019A-10
; Sequence 10, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710con, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 10:
; APPLICATION NUMBER: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; where (deoxy)ribose-phosphate linkages are replaced by
; N-(2-aminoethyl)glycine units linked to nucleotide bases via
; glycine amino nitrogen through a methylenecarbonyl linker"
US-08-630-019A-10

; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; where (deoxy)ribose-phosphate linkages are replaced by
; N-(2-aminoethyl)glycine units linked to nucleotide bases via
; glycine amino nitrogen through a methylenecarbonyl linker"
US-08-630-019A-10

Query Match 100.0%; Score 11; DB 3; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
||| |||||
DB 2 GTTAGGGTTAG 12

RESULT 26
US-08-838-545-8
; Sequence 8, Application US/08838545
; Patent No. 6046307
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6046307con, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,545
; FILING DATE: 09-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; where (deoxy)ribose-phosphate linkages are replaced by
; N-(2-aminoethyl)glycine units linked to nucleotide bases via
; glycine amino N through a methylenecarbonyl linker"
US-08-838-545-8

Query Match 100.0%; Score 11; DB 3; Length 12;

```
; Sequence 11, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
; US-08-630-019A-11

Query Match 100.0%; Score 11; DB 3; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 3 GTTAGGGTTAG 13

RESULT 29
; Sequence 15, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
```

```
; Sequence 8, Application US/09349532
; Patent No. 6294650
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6294650ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/349,532
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/838,545
; FILING DATE: 09-APR-1997
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
; US-09-349-532-8

Query Match 100.0%; Score 11; DB 3; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 2 GTTAGGGTTAG 12

RESULT 28
; US-08-630-019A-11
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STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019A
FILING DATE: 09-JUN-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
US-08-630-019A-15

Query Match 100.0%; Score 11; DB 3; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 30

US-08-838-545-1
Sequence 1, Application US/08838545
Patent No. 6046307
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6046307ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019
FILING DATE: 09-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
FILING DATE: 09-APR-1996

ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-08-838-545-1

Query Match 100.0%; Score 11; DB 3; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 3 GTTAGGGTTAG 13

RESULT 31

US-08-838-545-12
Sequence 12, Application US/08838545
Patent No. 6046307
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6046307ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid (PNA),
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-08-838-545-12

Query Match 100.0%; Score 11; DB 3; Length 13;

Best Local Similarity 100.0%; Pred. No. 6.8e+02;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
| | | | | | | | | |
Db 1 GTTAGGGTTAG 11

RESULT 32

US-09-349-532-1

; Sequence 1, Application US/09349532

; Patent No. 6294650

; GENERAL INFORMATION:

; APPLICANT: Shay, Jerry W.

; APPLICANT: Wright, Woodring E.

; APPLICANT: Piatyszek, Mieczyslaw A.

; APPLICANT: Corey, David R.

; APPLICANT: No. 6294650ton, James C.

; TITLE OF INVENTION: Modulation of Mammalian Telomerase by

; TITLE OF INVENTION: Peptide Nucleic Acids

; NUMBER OF SEQUENCES: 60

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Townsend and Townsend and Crew LLP

; STREET: Two Embarcadero Center, Eighth Floor

; CITY: San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94111-3834

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/349,532

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/838,545

; FILING DATE: 09-APR-1997

; APPLICATION NUMBER: US 08/630,019

; FILING DATE: 09-APR-1996

; ATTORNEY/AGENT INFORMATION:

; NAME: Storella, John R.

; REGISTRATION NUMBER: 32,944

; REFERENCE/DOCKET NUMBER: 015389-001610US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415) 576-0200

; TELEFAX: (415) 576-0300

; INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 13 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid

; DESCRIPTION: /desc = "peptide nucleic acid (PNA),

; DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by

; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via

; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"

US-09-349-532-1

Query Match

Best Local Similarity 100.0%; Score 11; DB 3; Length 13;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11

| | | | | | | | | |

Db 3 GTTAGGGTTAG 13

RESULT 33

US-09-349-532-12

; Sequence 12, Application US/09349532

; Patent No. 6294650

; GENERAL INFORMATION:

; APPLICANT: Shay, Jerry W.

; APPLICANT: Wright, Woodring E.

; APPLICANT: Piatyszek, Mieczyslaw A.

; APPLICANT: Corey, David R.

; APPLICANT: No. 6294650ton, James C.

; TITLE OF INVENTION: Modulation of Mammalian Telomerase by

; TITLE OF INVENTION: Peptide Nucleic Acids

; NUMBER OF SEQUENCES: 60

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Townsend and Townsend and Crew LLP

; STREET: Two Embarcadero Center, Eighth Floor

; CITY: San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94111-3834

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/349,532

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/838,545

; FILING DATE: 09-APR-1997

; APPLICATION NUMBER: US 08/630,019

; FILING DATE: 09-APR-1996

; ATTORNEY/AGENT INFORMATION:

; NAME: Storella, John R.

; REGISTRATION NUMBER: 32,944

; REFERENCE/DOCKET NUMBER: 015389-001610US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415) 576-0200

; TELEFAX: (415) 576-0300

; INFORMATION FOR SEQ ID NO: 12:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 13 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid

; DESCRIPTION: /desc = "peptide nucleic acid (PNA),

; DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by

; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via

; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"

US-09-349-532-12

Query Match

Best Local Similarity 100.0%; Score 11; DB 3; Length 13;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11

| | | | | | | | | |

Db 1 GTTAGGGTTAG 11

RESULT 34

US-09-657-445A-8

; Sequence 8, Application US/09657445A

```
; Patent No. 6608036
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Matray, Tracey
; TITLE OF INVENTION: Oligonucleotide N3'-P5' Thiophosphoramidates: Their Synthesis and
; FILE REFERENCE: 039/003
; CURRENT APPLICATION NUMBER: US/09/657,445A
; CURRENT FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: US 60/153,201
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/160,444
; PRIOR FILING DATE: 1999-10-19
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-09-657-445A-8

Query Match      100.0%; Score 11; DB 4; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.8e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0;

Qy 1 GTTAGGGTTAG 11
Db 3 GTTAGGGTTAG 13

RESULT 35
US-10-463-076-8
; Sequence 8, Application US/10463076
; Patent No. 6835826
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Matray, Tracey
; TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis a
; FILE REFERENCE: 039/004C
; CURRENT APPLICATION NUMBER: US/10/463,076
; CURRENT FILING DATE: 2003-06-17
; PRIOR APPLICATION NUMBER: US 09/657,445
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: US 60/153,201
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/160,444
; PRIOR FILING DATE: 1999-10-19
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-10-463-076-8

Query Match      100.0%; Score 11; DB 4; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.8e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0;

Qy 1 GTTAGGGTTAG 11
Db 3 GTTAGGGTTAG 13

RESULT 36
US-08-531-743-4/c
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; Sequence 4, Application US/08531743
; Patent No. 5856096
; GENERAL INFORMATION:
; APPLICANT: Windle, Bradford E.
; APPLICANT: Qiu, Ming
; APPLICANT: Chen, Shi-fong
; APPLICANT: Fletcher, Terace M.
; APPLICANT: Maine, Ira
; TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and
; TITLE OF INVENTION: Distinguishing Between Processive and
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: United States of America
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/531,743
; FILING DATE: 20-SEP-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: CTCR:026/HYL
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-531-743-4

Query Match      100.0%; Score 11; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.8e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0;

Qy 1 GTTAGGGTTAG 11
Db 13 GTTAGGGTTAG 3

RESULT 37
US-08-630-019A-12
; Sequence 12, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyzek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
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```
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
US-08-630-019A-12

Query Match 100.0%; Score 11; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 5 GTTAGGGTTAG 15

RESULT 38
US-08-630-019A-18
; Sequence 18, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
```

```
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
US-08-630-019A-18

Query Match 100.0%; Score 11; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 39
US-08-630-019A-40
; Sequence 40, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "phosphorothioate (PS) nucleic acid"
US-08-630-019A-40

Query Match 100.0%; Score 11; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
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Db 5 GTTAGGTTAG 15
|||||||

RESULT 40

US-08-838-545-2
; Sequence 2, Application US/08838545
; Patent No. 6046307
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6046307ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,545
; FILING DATE: 09-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-08-838-545-2

Query Match 100.0%; Score 11; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGTTAG 11
|||||||
Db 5 GTTAGGTTAG 15

Search completed: July 12, 2005, 21:41:30
Job time : 67.8861 secs

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: July 12, 2005, 15:44:02 ; Search time 53.0886 Seconds
(without alignments)
277.395 Million cell updates/sec

Title: US-09-540-843-2

Perfect score: 9

Sequence: 1 taggagat 9

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 1407054

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database :

Issued Patents NA: *
1: /cgn2_6/ptodata/1/ina/5A_COMB.seq: *
2: /cgn2_6/ptodata/1/ina/5B_COMB.seq: *
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq: *
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq: *
5: /cgn2_6/ptodata/1/ina/PTCUS_COMB.seq: *
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	9	100.0	9	3	US-09-048-927-2
2	9	100.0	19	4	US-09-398-522-22
3	9	100.0	19	4	US-09-398-522-76
4	9	100.0	20	3	US-09-096-177-6
5	9	100.0	20	4	US-09-422-978-6304
6	9	100.0	21	4	US-09-422-978-9775
7	9	100.0	21	4	US-09-816-814-13
8	9	100.0	22	3	US-09-240-918-9
9	9	100.0	22	3	US-09-416-050A-15
10	9	100.0	24	3	US-09-664-800-15
11	9	100.0	24	3	US-09-665-309-15
12	9	100.0	24	3	US-09-661-569-15
13	9	100.0	25	4	US-09-980-777-13
14	9	100.0	25	4	US-09-396-196G-27690
15	9	100.0	25	4	US-09-396-196G-27691
16	9	100.0	25	4	US-09-396-196G-53922
17	9	100.0	25	4	US-09-396-196G-92449
18	9	100.0	25	4	US-09-396-196G-94038
19	9	100.0	25	4	US-09-396-196G-94038
20	9	100.0	25	4	US-09-396-196G-98061
21	9	100.0	25	4	US-09-396-196G-98061
22	9	100.0	25	4	US-09-396-196G-108085
23	9	100.0	25	4	US-09-396-196G-108086
24	9	100.0	25	4	US-09-396-196G-116193
25	9	100.0	25	4	US-09-396-196G-116194
26	9	100.0	25	4	US-09-396-196G-120708
27	9	100.0	25	4	US-09-396-196G-120728
28	9	100.0	25	4	US-09-396-196G-120729
29	9	100.0	25	4	US-09-396-196G-120730
30	9	100.0	25	4	US-09-396-196G-120731
31	9	100.0	25	4	US-09-396-196G-120735
32	9	100.0	25	4	US-09-396-196G-120736
33	9	100.0	25	4	US-09-396-196G-120737
34	9	100.0	25	4	US-09-396-196G-120738
35	9	100.0	28	3	US-09-061-768A-33
36	9	100.0	28	4	US-09-764-246-33
37	9	100.0	29	1	US-08-310-386-20
38	9	100.0	30	3	US-09-019-793A-105
39	9	100.0	30	4	US-09-601-326-43
40	9	100.0	33	2	US-08-189-256A-46
41	9	100.0	33	3	US-09-193-853-46
42	9	100.0	36	5	PCT-US95-00605-12
43	9	100.0	36	5	PCT-US95-00605-13
44	9	100.0	47	4	US-09-422-978-905
45	9	100.0	47	4	US-09-422-978-2210
46	9	100.0	90	4	US-09-419-381-89
47	9	100.0	98	1	US-08-425-336-117
48	9	100.0	98	1	US-08-488-113B-117
49	9	100.0	98	1	US-08-477-484B-117
50	9	100.0	98	1	US-08-107-669D-30
51	9	100.0	98	1	US-08-472-788A-30
52	9	100.0	98	1	US-08-477-531B-30
53	9	100.0	98	2	US-08-646-360-117
54	9	100.0	98	2	US-08-082-842A-30
55	9	100.0	98	3	US-08-839-785-117
56	9	100.0	98	3	US-09-136-389-117
57	9	100.0	98	3	US-09-610-838-117
58	9	100.0	98	4	US-09-711-485-117
59	9	100.0	105	3	US-08-746-111-37
60	9	100.0	110	4	US-09-313-234A-5950
61	9	100.0	118	4	US-09-513-999C-28878
62	9	100.0	119	5	PCT-US91-00909-23
63	9	100.0	123	5	PCT-US91-00909-22
64	9	100.0	126	4	US-09-513-999C-18859
65	9	100.0	126	4	US-09-513-999C-19026
66	9	100.0	130	4	US-08-153-051B-23
67	9	100.0	135	1	US-08-060-952C-39
68	9	100.0	135	2	US-08-151-477A-23
69	9	100.0	135	3	US-08-819-867-53
70	9	100.0	135	3	US-08-464-011B-39
71	9	100.0	135	4	US-09-378-535-53
72	9	100.0	142	4	US-09-513-999C-16397
73	9	100.0	142	4	US-09-513-999C-21693
74	9	100.0	144	4	US-09-513-999C-18454
75	9	100.0	145	4	US-09-513-999C-26876
76	9	100.0	148	4	US-09-513-999C-19392
77	9	100.0	152	3	US-08-532-896-11
78	9	100.0	155	4	US-09-513-999C-18039
79	9	100.0	155	4	US-09-513-999C-20141
80	9	100.0	160	4	US-09-513-999C-18115
81	9	100.0	167	4	US-09-513-999C-26741
82	9	100.0	169	4	US-09-513-999C-14611
83	9	100.0	173	4	US-08-513-999C-12211
84	9	100.0	175	4	US-09-621-976-16047
85	9	100.0	176	4	US-09-513-999C-28514
86	9	100.0	177	4	US-09-621-976-15079
87	9	100.0	180	1	US-07-718-535-1
88	9	100.0	180	1	US-08-161-999-1
89	9	100.0	180	4	US-09-513-999C-36598
90	9	100.0	183	4	US-09-252-991A-5475
91	9	100.0	184	4	US-09-513-999C-20425
92	9	100.0	195	4	US-09-252-991A-7000
93	9	100.0	195	4	US-09-248-796A-9565
94	9	100.0	198	4	US-09-107-433-337
95	8.6	95.6	47	4	US-09-422-978-3032
96	8.6	95.6	107	4	US-09-513-999C-29619
97	8.6	95.6	115	4	US-09-513-999C-15984
98	8.6	95.6	163	4	US-09-621-976-12243
99	8.2	91.1	178	4	US-09-513-999C-32704
100	8	88.9	12	3	US-09-290-449-15

ALIGNMENTS

RESULT 1

US-09-048-927-2
; Sequence 2, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Vaar, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment

US-09-048-927-2

Query Match 100.0%; Score 9; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.8e+08;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 1 TAGGAGGAT 9

RESULT 2

US-09-398-522-22/c
; Sequence 22, Application US/09398522
; Patent No. 6783933
; GENERAL INFORMATION:
; APPLICANT: Issa, Jean-Pierre
; TITLE OF INVENTION: CACNAIG POLYNUCLEOTIDE POLYPEPTIDE AND
; FILE REFERENCE: JHU1590
; CURRENT APPLICATION NUMBER: US/09/398,522
; CURRENT FILING DATE: 1999-09-15
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Bisulfite-PCR primer
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: r = G or A

US-09-398-522-22

Query Match 100.0%; Score 9; DB 4; Length 19;
Best Local Similarity 100.0%; Pred. No. 9.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 17 TAGGAGGAT 9

RESULT 3

US-09-398-522-76
; Sequence 76, Application US/09398522
; Patent No. 6783933
; GENERAL INFORMATION:
; APPLICANT: Issa, Jean-Pierre
; TITLE OF INVENTION: CACNAIG POLYNUCLEOTIDE POLYPEPTIDE AND
; FILE REFERENCE: JHU1590
; CURRENT APPLICATION NUMBER: US/09/398,522
; CURRENT FILING DATE: 1999-09-15
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 76
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Target sequence for bisulfite-PCR primer
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: y = C or T

US-09-398-522-76

Query Match 100.0%; Score 9; DB 4; Length 19;
Best Local Similarity 100.0%; Pred. No. 9.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 3 TAGGAGGAT 11

RESULT 4

US-09-096-172-6
; Sequence 6, Application US/09096172
; Patent No. 6284252
; GENERAL INFORMATION:
; APPLICANT: MEHTALI, Majid
; APPLICANT: SORG, Tania
; TITLE OF INVENTION: NEW TRANSDOMINANT TAT VARIANTS OF THE
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/096,172
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER: US/08/177,145
; APPLICATION NUMBER: 04-JAN-1994
; FILING DATE: 04-JAN-1994
; APPLICATION NUMBER: FR 93 00004
; FILING DATE: 04-JAN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Crane-Feury, Sharon E
; REGISTRATION NUMBER: 36,113
; REFERENCE/DOCKET NUMBER: 017753-040
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021

INFORMATION FOR SEQ ID NO: 6;
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: mutagenesis oligonucleotide (TAT
INDIVIDUAL ISOLATE: 45ile to Ser)
US-09-096-172-6

Query Match 100.0%; Score 9; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||||
DB 5 TAGGAGGAT 13

RESULT 5

US-09-422-978-6304/c
Sequence 6304, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6304

LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: upstream amplification primer 99-10661 for SEQ 2370,
US-09-422-978-6304

Query Match 100.0%; Score 9; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||||
DB 18 TAGGAGGAT 10

RESULT 6

US-09-422-978-9775/c
Sequence 9775, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 9775
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-7276 for SEQ 1910, in complemen
US-09-422-978-9775

Query Match 100.0%; Score 9; DB 4; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||||
DB 11 TAGGAGGAT 3

RESULT 7

US-09-816-814-13/c
Sequence 13, Application US/09816814
Patent No. 6818406
GENERAL INFORMATION:

APPLICANT: Goronzy, Jorg J.
APPLICANT: Weyand, Cornelia M.
TITLE OF INVENTION: RHEUMATOID ARTHRITIS MARKERS
FILE REFERENCE: 07039-251001
CURRENT APPLICATION NUMBER: US/09/816,814
CURRENT FILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 13
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer for PCR
US-09-816-814-13

Query Match 100.0%; Score 9; DB 4; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||||
DB 15 TAGGAGGAT 7

RESULT 8

US-09-240-918-9
Sequence 9, Application US/09240918
Patent No. 6265165
GENERAL INFORMATION:

APPLICANT: Gruenert, Dieter C.
APPLICANT: Xu, Zhidong
TITLE OF INVENTION: METHODS FOR EST-SPECIFIC FULL LENGTH CDNA CLONING
FILE REFERENCE: 480.85.1(HV)
CURRENT APPLICATION NUMBER: US/09/240,918
CURRENT FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 60/108,183
PRIOR FILING DATE: 1998-11-12
NUMBER OF SEQ ID NOS: 96
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 9
LENGTH: 22

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-240-918-9

Query Match 100.0%; Score 9; DB 3; Length 22;
Best Local Similarity 100.0%; Pred. No. 9.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 9 TAGGAGGAT 17

RESULT 9

US-09-416-050A-15/c
; Sequence 15, Application US/09416050A
; Patent No. 6194559
; GENERAL INFORMATION:
; APPLICANT: KIM. Soo Young
; TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factors
; FILE REFERENCE: 1942/42
; CURRENT APPLICATION NUMBER: US/09/416,050A
; CURRENT FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-416-050A-15

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 17 TAGGAGGAT 9

RESULT 10

US-09-664-800-15/c
; Sequence 15, Application US/09664800
; Patent No. 6218527
; GENERAL INFORMATION:
; APPLICANT: KIM. Soo Young
; TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factors
; FILE REFERENCE: 1942/42
; CURRENT APPLICATION NUMBER: US/09/664,800
; CURRENT FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: 09/416,050
; PRIOR FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-664-800-15

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 17 TAGGAGGAT 9

RESULT 11

US-09-665-309-15/c

; Sequence 15, Application US/09665309
; Patent No. 6232461
; GENERAL INFORMATION:
; APPLICANT: KIM. Soo Young
; TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factors
; FILE REFERENCE: 1942/42
; CURRENT APPLICATION NUMBER: US/09/665,309
; CURRENT FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: 09/416,050
; PRIOR FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-665-309-15

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 17 TAGGAGGAT 9

RESULT 12

US-09-661-569-15/c
; Sequence 15, Application US/09661569
; Patent No. 6245905
; GENERAL INFORMATION:
; APPLICANT: KIM. Soo Young
; TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factors
; FILE REFERENCE: 1942/42
; CURRENT APPLICATION NUMBER: US/09/661,569
; CURRENT FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 09/416,050
; PRIOR FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-661-569-15

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 17 TAGGAGGAT 9

RESULT 13

US-09-980-777-13
; Sequence 13, Application US/09980777
; Patent No. 6794129
; GENERAL INFORMATION:
; APPLICANT: TELLES, Jean-No. 67941291
; APPLICANT: BRUN-VEZINET, Françoise
; APPLICANT: DESCAMPS, Diane
; TITLE OF INVENTION: Method for Testing Resistance to Antiproteases of an HIV-2 Virus
; FILE REFERENCE: 111380
; CURRENT APPLICATION NUMBER: US/09/980,777
; CURRENT FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: PCT/FR00/01728
; PRIOR FILING DATE: 2000-06-21
; PRIOR APPLICATION NUMBER: FR 99/07855
; PRIOR FILING DATE: 1999-06-21

```
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe (position 54)
US-09-980-777-13

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      12 TAGGAGGAT 4

RESULT 16
US-09-396-196G-53922/c
; Sequence 53922, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 53922
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-53922

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      14 TAGGAGGAT 6

RESULT 17
US-09-396-196G-92449
; Sequence 92449, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 92449
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-92449

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      14 TAGGAGGAT 22

RESULT 14
US-09-396-196G-27690/c
; Sequence 27690, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 27690
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-396-196G-27690

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      1 TAGGAGGAT 9

RESULT 15
US-09-396-196G-27691/c
; Sequence 27691, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 27691
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-396-196G-27691
```

```
RESULT 18
US-09-396-196G-94038/c
; Sequence 94038, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 94038
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-94038

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 22 TAGGAGGAT 14

RESULT 19
US-09-396-196G-98060/c
; Sequence 98060, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 98060
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-98060

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 22 TAGGAGGAT 14

RESULT 20
US-09-396-196G-98061/c
; Sequence 98061, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 98061
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-98061

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 13 TAGGAGGAT 5

RESULT 21
US-09-396-196G-108085/c
; Sequence 108085, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 108085
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-108085

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 23 TAGGAGGAT 15

RESULT 22
US-09-396-196G-108086/c
; Sequence 108086, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 108086
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-108086

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 23 TAGGAGGAT 15
```


; SEQ ID NO 108086
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-108086

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
Db 11 TAGGAGGAT 3
|||||

RESULT 23
US-09-396-196G-116193
; Sequence 116193, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 116193
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-116193

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
Db 17 TAGGAGGAT 25
|||||

RESULT 24
US-09-396-196G-116194
; Sequence 116194, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 116194
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-116194

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
Db 15 TAGGAGGAT 23
|||||

RESULT 25
US-09-396-196G-120708/c
; Sequence 120708, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120708
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120708

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
Db 25 TAGGAGGAT 17
|||||

RESULT 26
US-09-396-196G-120728/c
; Sequence 120728, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120728
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120728

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
Db 13 TAGGAGGAT 5
|||||

RESULT 27
US-09-396-196G-120729/c
; Sequence 120729, Application US/09396196G

```
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120729
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120729

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 12 TAGGAGGAT 4

RESULT 28
US-09-396-196G-120730/c
; Sequence 120730, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120730
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120730

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 11 TAGGAGGAT 3

RESULT 29
US-09-396-196G-120731/c
; Sequence 120731, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
```

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; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120731
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120731

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 10 TAGGAGGAT 2

RESULT 30
US-09-396-196G-120735/c
; Sequence 120735, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120735
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120735

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 13 TAGGAGGAT 5

RESULT 31
US-09-396-196G-120736/c
; Sequence 120736, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120736
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
```

US-09-396-196G-120736

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 12 TAGGAGGAT 4

RESULT 32

US-09-396-196G-120737/c
; Sequence 120737, Application US/09396196G
; Patent No. 6821724

; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.

; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1

; CURRENT APPLICATION NUMBER: US/09/396,196G

; CURRENT FILING DATE: 1999-09-15

; PRIOR APPLICATION NUMBER: 60/100,678

; PRIOR FILING DATE: 1998-09-17

; NUMBER OF SEQ ID NOS: 127806

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 120737

; LENGTH: 25

; TYPE: DNA

; ORGANISM: mus musculus

US-09-396-196G-120737

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 11 TAGGAGGAT 3

RESULT 33

US-09-396-196G-120738/c
; Sequence 120738, Application US/09396196G
; Patent No. 6821724

; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.

; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1

; CURRENT APPLICATION NUMBER: US/09/396,196G

; CURRENT FILING DATE: 1999-09-15

; PRIOR APPLICATION NUMBER: 60/100,678

; PRIOR FILING DATE: 1998-09-17

; NUMBER OF SEQ ID NOS: 127806

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 120738

; LENGTH: 25

; TYPE: DNA

; ORGANISM: mus musculus

US-09-396-196G-120738

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 10 TAGGAGGAT 2

RESULT 34

US-09-061-768A-33
; Sequence 33, Application US/09061768A
; Patent No. 6204037

; GENERAL INFORMATION:

; APPLICANT: BRASH, ALAN R.

; APPLICANT: BOEGLIN, WILLIAM E.

; APPLICANT: JISAKA, MITSUO

; TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS

; NUMBER OF SEQUENCES: 36

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: ARLES A. TAYLOR, JR.

; STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD

; CITY: DURHAM

; STATE: NORTH CAROLINA

; COUNTRY: USA

; ZIP: 27707

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage

; COMPUTER: IBM PC/XT/AT compatible

; OPERATING SYSTEM: Windows 3.1

; SOFTWARE: WORD PERFECT 6.1 and ASCII

; CURRENT APPLICATION DATA: US/09/061,768A

; APPLICATION NUMBER: US/09/061,768A

; FILING DATE: APRIL 16, 1998

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA: NONE

; APPLICATION NUMBER:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: ARLES A. TAYLOR, JR.

; REGISTRATION NUMBER: 39,395

; REFERENCE/DOCKET NUMBER: 1242/5

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (919) 493-8000

; TELEFAX: (919) 419-0383

; TELEX:

; INFORMATION FOR SEQ ID NO: 33:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 28 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-061-768A-33

Query Match 100.0%; Score 9; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 7 TAGGAGGAT 15

RESULT 35

US-09-764-246-33

; Sequence 33, Application US/09764246

; Patent No. 6649355

; GENERAL INFORMATION:

; APPLICANT: BRASH, ALAN R.

; APPLICANT: BOEGLIN, WILLIAM E.

; APPLICANT: JISAKA, MITSUO

; TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS

; NUMBER OF SEQUENCES: 36

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: ARLES A. TAYLOR, JR.

; STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD

; CITY: DURHAM

; STATE: NORTH CAROLINA

; COUNTRY: USA

; ZIP: 27707

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage
COMPUTER: IBM PC/XT/AT compatible
OPERATING SYSTEM: Windows 3.1
SOFTWARE: WORD PERFECT 6.1 and ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/764,246
FILING DATE: 17-Jan-2001
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: ARLES A. TAYLOR, JR.
REGISTRATION NUMBER: 39,395
REFERENCE/DOCKET NUMBER: 1242/5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 493-8000
TELEFAX: (919) 419-0383
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-764-246-33

Query Match 100.0%; Score 9; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 7 TAGGAGGAT 15

RESULT 36
US-08-310-356-20/c
Sequence 20, Application US/08310356
Patent No. 5648243
GENERAL INFORMATION:
APPLICANT: Hurwitz, David R
APPLICANT: Nathan, Margaret
APPLICANT: Shani, Moshe
TITLE OF INVENTION: Transgenic Protein Production
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
- ADDRESSEE: Rhone-Poulenc Rorer Legal Department
STREET: 500 Arcola Road
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: Macintosh System 7.0
SOFTWARE: Microsoft Word Version 5.0 (PatentIn)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/310,356
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/737,853
FILING DATE: 31-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goodman, Rosanne
REGISTRATION NUMBER: 32,534
REFERENCE/DOCKET NUMBER: A0856
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 454-3817

TELEFAX: (215) 454-3808
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-310-356-20

Query Match 100.0%; Score 9; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 23 TAGGAGGAT 15

RESULT 37
US-09-019-793A-105/c
Sequence 105, Application US/09019793A
Patent No. 6380376
GENERAL INFORMATION:
APPLICANT: PAUL, Prem
APPLICANT: MENG, Xiang-Jin
APPLICANT: MOROZOV, Igor
APPLICANT: HALBUR, Patrick
TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE
TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PPRSV)
FILE REFERENCE: 4625-0039-55X CIP
CURRENT APPLICATION NUMBER: US/09/019,793A
CURRENT FILING DATE: 1998-02-06
PRIOR APPLICATION NUMBER: 08/478,316
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: 08/301,435
PRIOR FILING DATE: 1994-09-01
PRIOR APPLICATION NUMBER: 08/131,625
PRIOR FILING DATE: 1993-10-05
PRIOR APPLICATION NUMBER: 07/969,071
PRIOR FILING DATE: 1992-10-30
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 105
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:synthetic DNA
US-09-019-793A-105

Query Match 100.0%; Score 9; DB 3; Length 30;
Best Local Similarity 100.0%; Pred. No. 1e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 15 TAGGAGGAT 7

RESULT 38
US-09-601-326-43/c
Sequence 43, Application US/09601326
Patent No. 6773908
GENERAL INFORMATION:
APPLICANT: PAUL DR, PREM S
APPLICANT: ZHANG, YANJIN
TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE
TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PPRSV)
FILE REFERENCE: 8199-0005-55XCIP WO
CURRENT APPLICATION NUMBER: US/09/601,326
CURRENT FILING DATE: 2000-09-25
PRIOR APPLICATION NUMBER: PCT/US99/02630
PRIOR FILING DATE: 1999-04-19

; PRIOR APPLICATION NUMBER: US 09/019,793
; PRIOR FILING DATE: 1998-02-06
; PRIOR APPLICATION NUMBER: US 08/478,316
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/301,435
; PRIOR FILING DATE: 1994-09-01
; PRIOR APPLICATION NUMBER: US 08/131,625
; PRIOR FILING DATE: 1993-10-05
; PRIOR APPLICATION NUMBER: US 07/969,071
; PRIOR FILING DATE: 1992-10-30
; NUMBER OF SEQ ID NOS: 175
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-601-326-43

Query Match 100.0%; Score 9; DB 4; Length 30;
Best Local Similarity 100.0%; Pred. No. le+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
DB 15 TAGGAGGAT 7

RESULT 39
US-08-189-256A-46/c
; Sequence 46, Application US/08189256A
; Patent No. 5877402
; GENERAL INFORMATION:
; APPLICANT: Maliga, Pal
; APPLICANT: Svab, Zora
; APPLICANT: Staub, Jeffrey
; APPLICANT: Zoubenko, Oleg V.
; APPLICANT: Allison, Lori A.
; APPLICANT: Carrier, Helaine
; APPLICANT: Kanevski, Ivan
; TITLE OF INVENTION: DNA Constructs and Methods for Stably
; TITLE OF INVENTION: Transforming Plasmids of Multicellular Plants and
; TITLE OF INVENTION: Expressing Recombinant Proteins Therein
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/189,256A
; FILING DATE: 31-JAN-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/111,398
; FILING DATE: 25-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/518,763
; FILING DATE: 01-MAY-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 563-4100
; TELEFAX: (215) 563-4044

; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-189-256A-46

Query Match 100.0%; Score 9; DB 2; Length 33;
Best Local Similarity 100.0%; Pred. No. le+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
DB 27 TAGGAGGAT 19

RESULT 40
US-09-193-853-46/c
; Sequence 46, Application US/09193853
; Patent No. 6388168
; GENERAL INFORMATION:
; APPLICANT: Maliga, Pal
; APPLICANT: Svab, Zora
; APPLICANT: Staub, Jeffrey
; APPLICANT: Zoubenko, Oleg V.
; APPLICANT: Allison, Lori A.
; APPLICANT: Carrier, Helaine
; APPLICANT: Kanevski, Ivan
; TITLE OF INVENTION: DNA Constructs and Methods for Stably
; TITLE OF INVENTION: Transforming Plasmids of Multicellular Plants and
; TITLE OF INVENTION: Expressing Recombinant Proteins Therein
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/193,853
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/189,256
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/518,763
; FILING DATE: 01-MAY-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 563-4100
; TELEFAX: (215) 563-4044
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO

US-09-193-853-46

Query Match 100.0%; Score 9; DB 3; Length 33;
Best Local Similarity 100.0%; Pred. No. 1e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
| | | | | | | | | |
Db 27 TAGGAGGAT 19

Search completed: July 12, 2005, 21:41:25
Job time : 55.0886 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: July 12, 2005, 18:12:19 ; Search time 254.392 Seconds
(without alignments)
222.117 Million cell updates/sec

Title: US-09-540-843-2

Perfect score: 9

Sequence: 1 taggagat 9

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 6330945 seqs, 3139162390 residues

Total number of hits satisfying chosen parameters: 7146590

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Published Applications NA:

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2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq.*
3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq.*
4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq.*
5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq.*
6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq.*
7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq.*
8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq.*
9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq.*
10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq.*
11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq.*
12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq.*
13: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq.*
14: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq.*
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18: /cgn2_6/ptodata/2/pubpna/US10F_PUBCOMB.seq.*
19: /cgn2_6/ptodata/2/pubpna/US10G_PUBCOMB.seq.*
20: /cgn2_6/ptodata/2/pubpna/US10H_PUBCOMB.seq.*
21: /cgn2_6/ptodata/2/pubpna/US10I_PUBCOMB.seq.*
22: /cgn2_6/ptodata/2/pubpna/US10J_NEW_PUB.seq.*
23: /cgn2_6/ptodata/2/pubpna/US11A_PUBCOMB.seq.*
24: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq.*
25: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
26: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	9	100.0	9	14	US-10-122-630-2
2	9	100.0	9	14	US-10-122-633-2
3	9	100.0	10	16	US-10-223-765-202
4	9	100.0	12	20	US-10-257-017B-273134
5	9	100.0	12	20	US-10-257-017B-279026
6	9	100.0	12	20	US-10-257-017B-283661
7	9	100.0	12	20	US-10-257-017B-286795
Sequence 2, Appli					
Sequence 2, Appli					
Sequence 202, App					
Sequence 273134,					
Sequence 279026,					
Sequence 283661,					
Sequence 286795,					

8	9	100.0	12	20	US-10-257-017B-295564	Sequence 295564,
C	9	100.0	12	20	US-10-257-017B-299027	Sequence 299027,
10	9	100.0	12	20	US-10-257-017B-306420	Sequence 306420,
11	9	100.0	12	20	US-10-257-017B-314625	Sequence 314625,
12	9	100.0	12	20	US-10-257-017B-316022	Sequence 316022,
C	13	100.0	12	20	US-10-257-017B-338584	Sequence 338584,
14	9	100.0	12	20	US-10-257-017B-339176	Sequence 339176,
15	9	100.0	12	20	US-10-257-017B-340374	Sequence 340374,
C	16	100.0	12	20	US-10-257-017B-375136	Sequence 375136,
17	9	100.0	12	20	US-10-257-017B-376139	Sequence 376139,
18	9	100.0	12	20	US-10-257-017B-378060	Sequence 378060,
C	19	100.0	12	20	US-10-257-017B-380205	Sequence 380205,
20	9	100.0	13	20	US-10-257-017B-6159	Sequence 6159, Ap
C	21	100.0	13	20	US-10-257-017B-6160	Sequence 6160, Ap
22	9	100.0	13	20	US-10-257-017B-20923	Sequence 20923, A
C	23	100.0	13	20	US-10-257-017B-20924	Sequence 20924, A
24	9	100.0	13	20	US-10-257-017B-40333	Sequence 40333, A
C	25	100.0	13	20	US-10-257-017B-40334	Sequence 40334, A
26	9	100.0	13	20	US-10-257-017B-54941	Sequence 54941, A
C	27	100.0	13	20	US-10-257-017B-54942	Sequence 54942, A
28	9	100.0	13	20	US-10-257-017B-72189	Sequence 72189, A
C	29	100.0	13	20	US-10-257-017B-72190	Sequence 72190, A
30	9	100.0	13	20	US-10-257-017B-84907	Sequence 84907, A
C	31	100.0	13	20	US-10-257-017B-84908	Sequence 84908, A
32	9	100.0	13	20	US-10-257-017B-118049	Sequence 118049,
C	33	100.0	13	20	US-10-257-017B-118050	Sequence 118050,
34	9	100.0	13	20	US-10-257-017B-128783	Sequence 128783,
C	35	100.0	13	20	US-10-257-017B-128784	Sequence 128784,
36	9	100.0	13	20	US-10-257-017B-166363	Sequence 166363,
C	37	100.0	13	20	US-10-257-017B-166364	Sequence 166364,
38	9	100.0	13	20	US-10-257-017B-192849	Sequence 192849,
C	39	100.0	13	20	US-10-257-017B-192850	Sequence 192850,
40	9	100.0	13	20	US-10-257-017B-201789	Sequence 201789,
C	41	100.0	13	20	US-10-257-017B-201790	Sequence 201790,
42	9	100.0	13	20	US-10-257-017B-216341	Sequence 216341,
C	43	100.0	13	20	US-10-257-017B-216342	Sequence 216342,
44	9	100.0	13	20	US-10-257-017B-231989	Sequence 231989,
C	45	100.0	13	20	US-10-257-017B-231990	Sequence 231990,
46	9	100.0	13	20	US-10-257-017B-240467	Sequence 240467,
C	47	100.0	13	20	US-10-257-017B-240468	Sequence 240468,
48	9	100.0	13	20	US-10-257-017B-246659	Sequence 246659,
C	49	100.0	13	20	US-10-257-017B-246660	Sequence 246660,
50	9	100.0	13	20	US-10-257-017B-233579	Sequence 233579,
C	51	100.0	13	20	US-10-257-017B-253580	Sequence 253580,
52	9	100.0	13	20	US-10-257-017B-254799	Sequence 254799,
C	53	100.0	13	20	US-10-257-017B-254800	Sequence 254800,
54	9	100.0	13	20	US-10-257-017B-262049	Sequence 262049,
C	55	100.0	13	20	US-10-257-017B-262050	Sequence 262050,
56	9	100.0	13	20	US-10-257-017B-262995	Sequence 262995,
C	57	100.0	13	20	US-10-257-017B-262996	Sequence 262996,
58	9	100.0	16	10	US-09-882-945A-169	Sequence 169, App
C	59	100.0	16	10	US-10-807-114-169	Sequence 169, App
60	9	100.0	17	16	US-10-340-192-22	Sequence 22, Appl
C	61	100.0	17	16	US-10-339-793-97	Sequence 97, Appl
62	9	100.0	19	21	US-10-930-301-22	Sequence 22, Appl
C	63	100.0	19	21	US-10-930-301-76	Sequence 76, Appl
64	9	100.0	20	9	US-09-766-154-19	Sequence 19, Appl
C	65	100.0	20	10	US-09-828-344-162	Sequence 162, App
66	9	100.0	20	10	US-09-828-344-163	Sequence 163, App
C	67	100.0	20	10	US-09-828-344-164	Sequence 164, App
68	9	100.0	20	15	US-10-006-191-104	Sequence 104, App
C	69	100.0	20	17	US-10-277-216-200	Sequence 200, App
70	9	100.0	20	17	US-10-349-143-6304	Sequence 6304, Ap
C	71	100.0	20	17	US-10-126-022-200	Sequence 200, App
72	9	100.0	20	18	US-10-280-183A-484	Sequence 484, App
C	73	100.0	21	10	US-10-946-914-104	Sequence 104, App
74	9	100.0	21	10	US-09-816-814-13	Sequence 13, Appl
C	75	100.0	21	16	US-10-160-764-17	Sequence 17, Appl
76	9	100.0	21	16	US-10-165-099-341	Sequence 341, App
C	77	100.0	21	17	US-10-349-143-9775	Sequence 9775, Ap
78	9	100.0	21	17	US-10-229-541A-23	Sequence 23, Appl
C	79	100.0	21	19	US-10-786-720-11356	Sequence 11356, A
80	9	100.0	21	19	US-10-786-720-11357	Sequence 11357, A

81 9 100.0 21 19 US-10-786-720-11358 Sequence 11358, A
c 82 9 100.0 21 19 US-10-786-720-11359 Sequence 11359, A
c 83 9 100.0 21 19 US-10-786-720-11360 Sequence 11360, A
c 84 9 100.0 21 19 US-10-786-720-11361 Sequence 11361, A
c 85 9 100.0 21 19 US-10-786-720-11362 Sequence 11362, A
c 86 9 100.0 21 19 US-10-786-720-11364 Sequence 11364, A
c 87 9 100.0 21 19 US-10-786-720-11449 Sequence 11449, A
c 88 9 100.0 21 19 US-10-786-720-11450 Sequence 11450, A
c 89 9 100.0 21 19 US-10-786-720-11451 Sequence 11451, A
c 90 9 100.0 21 20 US-10-751-736-20851 Sequence 20851, A
c 91 9 100.0 21 20 US-10-751-736-20852 Sequence 20852, A
c 92 9 100.0 21 20 US-10-751-736-20853 Sequence 20853, A
c 93 9 100.0 21 20 US-10-751-736-21292 Sequence 21292, A
c 94 9 100.0 21 20 US-10-751-736-21293 Sequence 21293, A
c 95 9 100.0 21 20 US-10-751-736-21294 Sequence 21294, A
c 96 9 100.0 21 20 US-10-751-736-21595 Sequence 21595, A
c 97 9 100.0 21 20 US-10-751-736-21596 Sequence 21596, A
c 98 9 100.0 21 20 US-10-751-736-21597 Sequence 21597, A
c 99 9 100.0 21 20 US-10-751-736-49177 Sequence 49177, A
c 100 9 100.0 21 20 US-10-751-736-49178 Sequence 49178, A

ALIGNMENTS

RESULT 1
US-10-122-630-2
; Sequence 2, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Glitchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-2

Query Match 100.0%; Score 9; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.9e+08;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | |
Db 1 TAGGAGGAT 9

RESULT 2
US-10-122-633-2
; Sequence 2, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Glitchrest, Barbara A.

; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-2

Query Match 100.0%; Score 9; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.9e+08;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
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Db 1 TAGGAGGAT 9

RESULT 3
US-10-223-765-202
; Sequence 202, Application US/10223765
; Publication No. US20030165997A1
; GENERAL INFORMATION:
; APPLICANT: Kim, Jin-Soo
; APPLICANT: Bae, Kwang-Hee
; APPLICANT: Park, Kyung-Soon
; APPLICANT: Kwon, Young Do
; APPLICANT: Ryu, Eun-Hyun
; APPLICANT: Hwang, Moon-Sun
; TITLE OF INVENTION: ZINC FINGER DOMAIN LIBRARIES
; FILE REFERENCE: 12279-005001
; CURRENT APPLICATION NUMBER: US/10/223,765
; CURRENT FILING DATE: 2002-08-19
; PRIOR APPLICATION NUMBER: 60/374,355
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 60/313,402
; PRIOR FILING DATE: 2001-08-17
; NUMBER OF SEQ ID NOS: 305
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 202
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetically generated oligonucleotide
US-10-223-765-202

Query Match 100.0%; Score 9; DB 16; Length 10;
Best Local Similarity 100.0%; Pred. No. 7.2e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | |
Db 2 TAGGAGGAT 10

RESULT 4
US-10-257-017B-273134
; Sequence 273134, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:


```
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273134
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003058
US-10-257-017B-273134

Query Match      100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 3 TAGGAGGAT 11

RESULT 5
US-10-257-017B-279026/c
; Sequence 279026, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 279026
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0006799
US-10-257-017B-279026

Query Match      100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 12 TAGGAGGAT 4

RESULT 6
US-10-257-017B-283661
; Sequence 283661, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
```

```
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 283661
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0011446
US-10-257-017B-283661

Query Match      100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 3 TAGGAGGAT 11

RESULT 7
US-10-257-017B-286795/c
; Sequence 286795, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 286795
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012825
US-10-257-017B-286795

Query Match      100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 9 TAGGAGGAT 1

RESULT 8
US-10-257-017B-295564
; Sequence 295564, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 295564
; LENGTH: 12
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016640
US-10-257-017B-295564

Query Match      100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 4 TAGGAGGAT 12

RESULT 9
US-10-257-017B-299027/c
; Sequence 299027, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 299027
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018404
US-10-257-017B-299027

Query Match      100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 12 TAGGAGGAT 4

RESULT 10
US-10-257-017B-306420
; Sequence 306420, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306420
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022000
US-10-257-017B-306420

Query Match      100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 7e+04;
```

```
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 1 TAGGAGGAT 9

RESULT 11
US-10-257-017B-314625
; Sequence 314625, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 314625
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026468
US-10-257-017B-314625

Query Match      100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 4 TAGGAGGAT 12

RESULT 12
US-10-257-017B-316022
; Sequence 316022, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 316022
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0027234
US-10-257-017B-316022

Query Match      100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 2 TAGGAGGAT 10
```

```
RESULT 13
US-10-257-017B-338584/c
; Sequence 338584, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 338584
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0040564
US-10-257-017B-338584

Query Match      100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TAGGAGGAT 9
DB      12 TAGGAGGAT 4

RESULT 14
US-10-257-017B-339176/c
; Sequence 339176, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 339176
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0040884
US-10-257-017B-339176

Query Match      100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TAGGAGGAT 9
DB      12 TAGGAGGAT 4

RESULT 15
US-10-257-017B-340374
; Sequence 340374, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
```

```
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 340374
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0041493
US-10-257-017B-340374

Query Match      100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TAGGAGGAT 9
DB      1 TAGGAGGAT 9

RESULT 16
US-10-257-017B-375136/c
; Sequence 375136, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 375136
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0061083
US-10-257-017B-375136

Query Match      100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TAGGAGGAT 9
DB      11 TAGGAGGAT 3

RESULT 17
US-10-257-017B-376139/c
; Sequence 376139, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
```

; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 376139
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0061637
US-10-257-017B-376139

Query Match 100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 12 TAGGAGGAT 4

RESULT 18
US-10-257-017B-378060
; Sequence 378060, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 378060
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0062608
US-10-257-017B-378060

Query Match 100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 4 TAGGAGGAT 12

RESULT 19
US-10-257-017B-380205/c
; Sequence 380205, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 380205
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0001590
US-10-257-017B-380205

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0001590
US-10-257-017B-380205

Query Match 100.0%; Score 9; DB 20; Length 12;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 10 TAGGAGGAT 2

RESULT 20
US-10-257-017B-6159
; Sequence 6159, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 6159
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001935
US-10-257-017B-6159

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 4 TAGGAGGAT 12

RESULT 21
US-10-257-017B-6160/c
; Sequence 6160, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 6160
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001935
US-10-257-017B-6160

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
|||||
Db 10 TAGGAGGAT 2

RESULT 22

US-10-257-017B-20923
; Sequence 20923, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 20923
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0004246
US-10-257-017B-20923

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
|||||
Db 2 TAGGAGGAT 10

RESULT 23

US-10-257-017B-20924/c
; Sequence 20924, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 20924
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0004246
US-10-257-017B-20924

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
|||||
Db 12 TAGGAGGAT 4

RESULT 24

US-10-257-017B-40333

; Sequence 40333, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 40333
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012244
US-10-257-017B-40333

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
|||||
Db 1 TAGGAGGAT 9

RESULT 25

US-10-257-017B-40334/c
; Sequence 40334, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 40334
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012244
US-10-257-017B-40334

Query Match 100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
|||||
Db 13 TAGGAGGAT 5

RESULT 26

US-10-257-017B-54941
; Sequence 54941, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

```
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 54941
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015046
US-10-257-017B-54941

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 3 TAGGAGGAT 11

RESULT 27
US-10-257-017B-54942/c
; Sequence 54942, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 54942
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015046
US-10-257-017B-54942

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 11 TAGGAGGAT 3

RESULT 28
US-10-257-017B-72189
; Sequence 72189, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
```

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; SEQ ID NO 72189
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0018653
US-10-257-017B-72189

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 1 TAGGAGGAT 9

RESULT 29
US-10-257-017B-72190/c
; Sequence 72190, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 72190
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0018653
US-10-257-017B-72190

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 13 TAGGAGGAT 5

RESULT 30
US-10-257-017B-84907
; Sequence 84907, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 84907
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0021360
US-10-257-017B-84907
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Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
Db 3 TAGGAGGAT 11

RESULT 31
US-10-257-017B-84908/c
; Sequence 84908, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 84908
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0021360
US-10-257-017B-84908

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
Db 11 TAGGAGGAT 3

RESULT 32
US-10-257-017B-118049
; Sequence 118049, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 118049
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029521
US-10-257-017B-118049

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
Db 1 TAGGAGGAT 9
```

```
Db 4 TAGGAGGAT 12

RESULT 33
US-10-257-017B-118050/c
; Sequence 118050, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 118050
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029521
US-10-257-017B-118050

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
Db 10 TAGGAGGAT 2

RESULT 34
US-10-257-017B-128783
; Sequence 128783, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 128783
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0032242
US-10-257-017B-128783

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
Db 2 TAGGAGGAT 10

RESULT 35
US-10-257-017B-128784/c
; Sequence 128784, Application US/10257017B
; Publication No. US20040241651A1
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; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 128784
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0032242
US-10-257-017B-128784

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 12 TAGGAGGAT 4

RESULT 36
US-10-257-017B-166363
; Sequence 166363, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 166363
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0006798
US-10-257-017B-166363

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 2 TAGGAGGAT 10

RESULT 37
US-10-257-017B-166364/c
; Sequence 166364, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
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; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 166364
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0006798
US-10-257-017B-166364

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 12 TAGGAGGAT 4

RESULT 38
US-10-257-017B-192849
; Sequence 192849, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 192849
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005223
US-10-257-017B-192849

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 4 TAGGAGGAT 12

RESULT 39
US-10-257-017B-192850/c
; Sequence 192850, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 192850
; LENGTH: 13
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005223
US-10-257-017B-192850

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 10 TAGGAGGAT 2

RESULT 40
US-10-257-017B-201789
; Sequence 201789, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 201789
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0049618
US-10-257-017B-201789

Query Match      100.0%; Score 9; DB 20; Length 13;
Best Local Similarity 100.0%; Pred. No. 7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 2 TAGGAGGAT 10

Search completed: July 13, 2005, 04:11:12
Job time : 258.392 secs
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: July 12, 2005, 15:44:02 ; Search time 29.4937 Seconds
(without alignments)
277.395 Million cell updates/sec

Title: US-09-540-843-4

Perfect score: 5

Sequence: 1 statg 5

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 1407054

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Issued Patents NA:*

1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*

2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*

3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	5	100.0	5	3	US-08-855-372B-20
2	5	100.0	5	3	US-09-048-927-4
3	5	100.0	5	3	US-09-498-851-20
C 4	5	100.0	7	1	US-08-613-170-10
C 5	5	100.0	7	1	US-08-615-170-12
6	5	100.0	7	3	US-09-048-927-3
C 7	5	100.0	8	4	US-09-142-593-11
C 8	5	100.0	8	4	US-09-927-886-17
9	5	100.0	9	2	US-08-583-276-1
10	5	100.0	9	3	US-08-646-789A-8
11	5	100.0	9	3	US-08-646-789A-80
12	5	100.0	9	3	US-09-048-927-1
C 13	5	100.0	9	3	US-09-319-648-68
C 14	5	100.0	9	4	US-10-096-596-32
15	5	100.0	10	1	US-09-263-790-37
16	5	100.0	10	1	US-09-721-777-19
17	5	100.0	10	1	US-08-335-565A-27
C 18	5	100.0	10	1	US-08-250-951-1
C 19	5	100.0	10	1	US-08-232-233-1
C 20	5	100.0	10	1	US-08-222-177A-422
21	5	100.0	10	1	US-08-351-748-23
22	5	100.0	10	1	US-08-351-748-25
C 23	5	100.0	10	1	US-08-202-927-25
24	5	100.0	10	1	US-08-430-536A-23
C 25	5	100.0	10	1	US-08-430-536A-25
26	5	100.0	10	1	US-08-171-718-45
C 27	5	100.0	10	2	US-08-703-601-1

28	5	100.0	10	2	US-08-684-547-23	Sequence 23, Appl
29	5	100.0	10	2	US-08-684-547-25	Sequence 25, Appl
30	5	100.0	10	3	US-08-469-318-174	Sequence 174, Appl
31	5	100.0	10	3	US-08-468-609A-174	Sequence 174, Appl
32	5	100.0	10	3	US-08-478-087-45	Sequence 45, Appl
C 33	5	100.0	10	3	US-09-063-450-24	Sequence 24, Appl
34	5	100.0	10	3	US-09-063-450-33	Sequence 33, Appl
C 35	5	100.0	10	3	US-09-123-638-1	Sequence 1, Appl
36	5	100.0	10	3	US-08-646-895-30	Sequence 30, Appl
37	5	100.0	10	3	US-08-875-533-31	Sequence 31, Appl
38	5	100.0	10	3	US-08-446-872A-174	Sequence 174, Appl
C 39	5	100.0	10	3	US-09-724-753-1	Sequence 1, Appl
40	5	100.0	10	3	US-08-762-227A-174	Sequence 174, Appl
41	5	100.0	10	4	US-09-475-947A-23	Sequence 23, Appl
42	5	100.0	10	4	US-09-427-834A-34	Sequence 34, Appl
C 43	5	100.0	10	4	US-09-445-388A-7	Sequence 7, Appl
44	5	100.0	10	4	US-09-508-753B-252	Sequence 252, Appl
C 45	5	100.0	10	4	US-09-508-753B-265	Sequence 265, Appl
46	5	100.0	10	4	US-09-508-753B-273	Sequence 273, Appl
C 47	5	100.0	10	4	US-09-508-753B-278	Sequence 278, Appl
48	5	100.0	10	4	US-09-508-753B-294	Sequence 294, Appl
49	5	100.0	10	4	US-09-508-753B-303	Sequence 303, Appl
C 50	5	100.0	10	4	US-09-508-753B-342	Sequence 342, Appl
51	5	100.0	10	4	US-09-508-753B-396	Sequence 396, Appl
C 52	5	100.0	10	4	US-09-508-753B-405	Sequence 405, Appl
53	5	100.0	10	4	US-09-508-753B-406	Sequence 406, Appl
C 54	5	100.0	10	4	US-09-508-753B-415	Sequence 415, Appl
C 55	5	100.0	10	4	US-09-508-753B-419	Sequence 419, Appl
C 56	5	100.0	10	4	US-09-508-753B-445	Sequence 445, Appl
C 57	5	100.0	10	4	US-09-508-753B-447	Sequence 447, Appl
C 58	5	100.0	10	4	US-09-508-753B-455	Sequence 455, Appl
C 59	5	100.0	10	4	US-09-508-753B-458	Sequence 458, Appl
C 60	5	100.0	10	4	US-09-508-753B-459	Sequence 459, Appl
61	5	100.0	10	4	US-09-508-753B-467	Sequence 467, Appl
62	5	100.0	10	4	US-09-489-855-11	Sequence 11, Appl
C 63	5	100.0	10	4	US-09-489-855-12	Sequence 12, Appl
C 64	5	100.0	10	4	US-09-822-250A-16	Sequence 16, Appl
C 65	5	100.0	10	4	US-09-889-611A-31	Sequence 31, Appl
66	5	100.0	10	4	US-09-889-611A-43	Sequence 43, Appl
C 67	5	100.0	10	4	US-10-034-350A-16	Sequence 16, Appl
C 68	5	100.0	10	5	PCT-US92-09827-1	Sequence 1, Appl
C 69	5	100.0	10	5	PCT-US95-01185-174	Sequence 174, Appl
C 70	5	100.0	10	5	PCT-US95-02419-25	Sequence 25, Appl
C 71	5	100.0	10	5	PCT-US96-06053-30	Sequence 30, Appl
C 72	5	100.0	10	6	5198343-3	Patent No. 5198343
C 73	5	100.0	10	6	5198343-3	Patent No. 5198343
74	5	100.0	11	1	US-08-401-512-19	Sequence 19, Appl
75	5	100.0	11	1	US-08-147-696E-4	Sequence 4, Appl
76	5	100.0	11	1	US-08-696-139-6	Sequence 6, Appl
77	5	100.0	11	1	US-08-484-334-4	Sequence 4, Appl
C 78	5	100.0	11	2	US-08-441-887A-82	Sequence 82, Appl
C 79	5	100.0	11	2	US-08-441-887A-151	Sequence 151, Appl
C 80	5	100.0	11	2	US-08-812-994-1	Sequence 1, Appl
81	5	100.0	11	2	US-08-715-461-9	Sequence 9, Appl
82	5	100.0	11	3	US-09-013-092-4	Sequence 4, Appl
83	5	100.0	11	3	US-09-280-999-4	Sequence 4, Appl
C 84	5	100.0	11	3	US-09-157-257-21	Sequence 21, Appl
C 85	5	100.0	11	3	US-09-157-257-34	Sequence 34, Appl
C 86	5	100.0	11	3	US-08-477-831C-33	Sequence 33, Appl
C 87	5	100.0	11	4	US-09-249-155A-125	Sequence 125, Appl
C 88	5	100.0	11	4	US-09-269-006-1	Sequence 1, Appl
89	5	100.0	11	4	US-09-320-080-1	Sequence 1, Appl
90	5	100.0	12	1	US-07-990-297-8	Sequence 8, Appl
91	5	100.0	12	1	US-07-704-288C-18	Sequence 18, Appl
92	5	100.0	12	1	US-08-035-928-5	Sequence 5, Appl
93	5	100.0	12	1	US-08-035-928-7	Sequence 7, Appl
94	5	100.0	12	1	US-08-586-120-9	Sequence 9, Appl
95	5	100.0	12	1	US-08-254-355-9	Sequence 9, Appl
96	5	100.0	12	1	US-08-297-808A-3	Sequence 3, Appl
97	5	100.0	12	1	US-08-379-259-18	Sequence 18, Appl
98	5	100.0	12	1	US-08-608-881A-21	Sequence 21, Appl
99	5	100.0	12	1	US-08-667-023-5	Sequence 5, Appl
100	5	100.0	12	2	US-08-441-887A-59	Sequence 59, Appl

ALIGNMENTS

```
RESULT 1
US-08-855-372B-20
; Sequence 20, Application US/08855372B
; Patent No. 6090549
; GENERAL INFORMATION:
; APPLICANT: Mirzabekov, Andrei D
; APPLICANT: Parinov, Sergei V
; APPLICANT: Barsky, Victor E
; APPLICANT: Kirillov, Eugene V
; APPLICANT: Dubiley, Svetlana A
; TITLE OF INVENTION: Use of Continuous/Contiguous Stacking Hybridization as a Diagnostic Tool
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHERSKOV & FLAYNIK
; STREET: 20 N. Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.50 inch, 1.4 MB storage
; COMPUTER: PC
; OPERATING SYSTEM: Microsoft Windows 98
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/855.372B
; FILING DATE: 13-MAY-97
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. 08/587,332
; FILING DATE: 16-JAN-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Cherskov, Michael J.
; REGISTRATION NUMBER: 33,664
; REFERENCE/DOCKET NUMBER: ANL-IN-95-027
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 621-1330
; TELEFAX: (312) 621-0088
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 bases
; TYPE: nucleic acid
; STRANDEDNESS: No. 6090549 Applicable
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHETICAL: yes
US-08-855-372B-20

Query Match 100.0%; Score 5; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 3e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 1 GTATG 5

RESULT 2
US-09-048-927-4
; Sequence 4, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048.927
; CURRENT FILING DATE: 1998-03-26
```

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; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-4

Query Match 100.0%; Score 5; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 3e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 1 GTATG 5

RESULT 3
US-09-498-851-20
; Sequence 20, Application US/09498851
; Patent No. 6440671
; GENERAL INFORMATION:
; APPLICANT: Mirzabekov, Andrei D
; APPLICANT: Parinov, Sergei V
; APPLICANT: Barsky, Victor E
; APPLICANT: Kirillov, Eugene V
; APPLICANT: Dubiley, Svetlana A
; TITLE OF INVENTION: Use of Continuous/Contiguous
; TITLE OF INVENTION: Stacking Hybridization as a Diagnostic Tool.
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHERSKOV & FLAYNIK
; STREET: 20 N. Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.50 inch, 1.4 MB storage
; COMPUTER: PC
; OPERATING SYSTEM: Microsoft Windows 98
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/498,851
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/855,372
; FILING DATE: 13-MAY-97
; APPLICATION NUMBER: U.S. 08/587,332
; FILING DATE: 16-JAN-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Cherskov, Michael J.
; REGISTRATION NUMBER: 33,664
; REFERENCE/DOCKET NUMBER: ANL-IN-95-027
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 621-1330
; TELEFAX: (312) 621-0088
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 bases
; TYPE: nucleic acid
; STRANDEDNESS: No. 6440671 Applicable
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHETICAL: yes
US-09-498-851-20
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Query Match 100.0%; Score 5; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 3e+08; Indels 0;
Matches 5; Conservative 0; Mismatches 0; Gaps 0;

Qy 1 GTATG 5
Db 1 GTATG 5

RESULT 4
US-08-615-170-10/c
; Sequence 10, Application US/08615170
; Patent No. 5776776
; GENERAL INFORMATION:
; APPLICANT: ORDAHL, Charles P.
; APPLICANT: AZAKIE, Anthony
; APPLICANT: MAR, Janet H.
; APPLICANT: FARRANCE, Iain K.G.
; APPLICANT: HALL, Deborah E.
; APPLICANT: STEWART, Alexandre F.R.
; APPLICANT: LARKIN, Sarah B.
; TITLE OF INVENTION: DTEF-1 ISOFORMS AND USES THEREOF
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Khourie and Crew
; STREET: Steuart Street Tower, One Market Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94105-1493
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/615,170
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/01526
; FILING DATE: 06-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/191,493
; FILING DATE: 04-FEB-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Heslin, James M.
; REGISTRATION NUMBER: 29,541
; REFERENCE/DOCKET NUMBER: 2307U-053120
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..7
; OTHER INFORMATION: /standard name= "Sph-II binding
; OTHER INFORMATION: site in SV40"
US-08-615-170-10

Query Match 100.0%; Score 5; DB 1; Length 7;
Best Local Similarity 100.0%; Pred. No. 2.1e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0;

Qy 1 GTATG 5

Qy 1 GTATG 5
Db 5 GTATG 1

RESULT 5
US-08-615-170-12/c
; Sequence 12, Application US/08615170
; Patent No. 5776776
; GENERAL INFORMATION:
; APPLICANT: ORDAHL, Charles P.
; APPLICANT: AZAKIE, Anthony
; APPLICANT: MAR, Janet H.
; APPLICANT: FARRANCE, Iain K.G.
; APPLICANT: HALL, Deborah E.
; APPLICANT: STEWART, Alexandre F.R.
; APPLICANT: LARKIN, Sarah B.
; TITLE OF INVENTION: DTEF-1 ISOFORMS AND USES THEREOF
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Khourie and Crew
; STREET: Steuart Street Tower, One Market Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94105-1493
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/615,170
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/01526
; FILING DATE: 06-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/191,493
; FILING DATE: 04-FEB-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Heslin, James M.
; REGISTRATION NUMBER: 29,541
; REFERENCE/DOCKET NUMBER: 2307U-053120
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..7
; OTHER INFORMATION: /standard name= "Rat beta-Myosin
; OTHER INFORMATION: Heavy Chain M-CAT binding element"
US-08-615-170-12

Query Match 100.0%; Score 5; DB 1; Length 7;
Best Local Similarity 100.0%; Pred. No. 2.1e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0;

Qy 1 GTATG 5

Db 5 GTATG 1

RESULT 6

US-09-048-927-3
; Sequence 3, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-3

Query Match 100.0%; Score 5; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 2.1e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 2 GTATG 6

RESULT 7
US-09-142-593-11/c
; Sequence 11, Application US/09142593
; Patent No. 6489458
; GENERAL INFORMATION:
; APPLICANT: HACKETT ET AL.
; TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
; TITLE OF INVENTION: INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; STREET: 119 NORTH FOURTH STREET, SUITE 203
; CITY: MINNEAPOLIS
; STATE: MINNESOTA
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/142,593
; FILING DATE: 10-SEP-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/040,664
; FILING DATE: 11-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/053,868
; FILING DATE: 28-JUL-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/065,303
; FILING DATE: 13-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US98/04687
; FILING DATE: 11-MAR-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDBERG, VICTORIA A.

; REGISTRATION NUMBER: 41,287
; REFERENCE/DOCKET NUMBER: 110.00450101
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1226
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-142-593-11

Query Match 100.0%; Score 5; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 1.9e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 6 GTATG 2

RESULT 8
US-09-927-886-17/c
; Sequence 17, Application US/09927886
; Patent No. 6613752
; GENERAL INFORMATION:
; APPLICANT: Kay, Mark A.
; APPLICANT: Yant, Stephen
; TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a
; TITLE OF INVENTION: Sleeping Beauty Transposon System
; FILE REFERENCE: STAN-160CIP
; CURRENT APPLICATION NUMBER: US/09/927,886
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/162,279
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: 09/440,301
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: transposon repeat sequence
US-09-927-886-17

Query Match 100.0%; Score 5; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 1.9e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 6 GTATG 2

RESULT 9
US-08-583-276-1
; Sequence 1, Application US/08583276
; Patent No. 5837536
; GENERAL INFORMATION:
; APPLICANT: McDonagh, Kevin T.
; APPLICANT: Nienhuis, Arthur
; APPLICANT: Tolstoshev, Paul
; TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
; TITLE OF INVENTION: MULTIDRUG RESISTANCE GENES AND IMPROVED
; TITLE OF INVENTION: SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
; ADDRESSEE: Cecchi & Stewart

```
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: DW4.V2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/583,276
; FILING DATE: 05-JAN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/332,444
; FILING DATE: 31-OCT-1994
; APPLICATION NUMBER: 07/887,712
; FILING DATE: 22-MAY-1992
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 bases
; TYPE: nucleic acid
; STRANDEDNESS: singular
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; DESCRIPTION:
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; US-08-583-276-1
;
; Query Match 100.0%; Score 5; DB 2; Length 9;
; Best Local Similarity 100.0%; Pred. No. 1.7e+08;
; Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 1 GTATG 5
; Db 4 GTATG 8
;
; RESULT 10
; US-08-646-789A-8
; Sequence 8, Application US/08646789A
; Patent No. 6022863
; GENERAL INFORMATION:
; APPLICANT: Peyman, John A.
; TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/646,789A
; FILING DATE: May 21, 1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6523-006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
;
; US-08-646-789A-8
;
; Query Match 100.0%; Score 5; DB 3; Length 9;
; Best Local Similarity 60.0%; Pred. No. 1.7e+08;
; Matches 3; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 1 GTATG 5
; Db 1 GTATG 5
;
; RESULT 12
; US-09-048-927-1
; Sequence 1, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Vaar, Mina
; APPLICANT: Eller, Mark
```

; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-1

Query Match 100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 3 GTATG 7

RESULT 13
US-09-319-648-68/c
; Sequence 68, Application US/09319648
; Patent No. 6451530
; GENERAL INFORMATION:
; APPLICANT: Hawkins, Mary
; TITLE OF INVENTION: Fluorescent Nucleotide Analog Hairpin
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/319,648
; FILING DATE: 30-Jul-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/032,844
; FILING DATE: 13-DEC-1996
; APPLICATION NUMBER: WO PCT/US97/22448
; FILING DATE: 10-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Pang, Carol
; REGISTRATION NUMBER: 48,631
; REFERENCE/DOCKET NUMBER: 015280-288100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 68:
US-09-319-648-68

Query Match 100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 7 GTATG 3

RESULT 14
US-10-096-596-32/c
; Sequence 32, Application US/10096596
; Patent No. 6746845
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth W
; APPLICANT: Vogelstein, Bert
; APPLICANT: Velculescu, Victor
; APPLICANT: Zhang, Lin
; TITLE OF INVENTION: METHOD FOR SERIAL ANALYSIS OF GENE EXPRESSION
; FILE REFERENCE: 001107.00242
; CURRENT APPLICATION NUMBER: US/10/096,596
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 08/527,154
; PRIOR FILING DATE: 1995-09-12
; PRIOR APPLICATION NUMBER: US 08/544,861
; PRIOR FILING DATE: 1995-10-18
; PRIOR APPLICATION NUMBER: US 09/107,228
; PRIOR FILING DATE: 1998-06-30
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-096-596-32

Query Match 100.0%; Score 5; DB 4; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 7 GTATG 3

RESULT 15
US-09-263-790-37
; Sequence 37, Application US/09263790
; Patent No. PP12997
; GENERAL INFORMATION:
; APPLICANT: Nirmal Kumar PATRA et al.
; TITLE OF INVENTION: JAL PALLAVI, WATER LOGGING TOLERANT CYMBOPOGON WINTERIANUS
; FILE REFERENCE: 2761-0120P
; CURRENT APPLICATION NUMBER: US/09/263,790
; CURRENT FILING DATE: 1999-03-05
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 37
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Opt 19 Primer - Used to develop the unique RAPD profiles of the
US-09-263-790-37

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 7 GTATG 3


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Db          5 GTATG 9

US-09-721-777-19
RESULT 16
; Sequence 19, Application US/09721777
; Patent No. Ppl3279
; GENERAL INFORMATION:
; APPLICANT: Khanuja, Suman Preet Singh
; APPLICANT: Kumar, Sushil
; APPLICANT: Shasany, Ajit Kumar
; APPLICANT: Dhawan, Sunita
; APPLICANT: Darokar, Mahendra Pandurang
; APPLICANT: Nagvi, Ali Arif
; APPLICANT: Dhawan, Om Parkash
; APPLICANT: Singh, Anil Kumar
; APPLICANT: Patra, Nirmal Kumar
; APPLICANT: Bahl, Janak Raj
; APPLICANT: Bansal, Ram Prakash
; TITLE OF INVENTION: Mint Plant Named Saksham
; FILE REFERENCE: 033166-002
; CURRENT APPLICATION NUMBER: US/09/721.777
; CURRENT FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PastSEQ for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: OPT primer
US-09-721-777-19

Query Match          100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          1 GTATG 5
Db          5 GTATG 9

US-09-721-777-19
RESULT 17
US-08-335-565A-27
; Sequence 27, Application US/08335565A
; Patent No. 5527671
; GENERAL INFORMATION:
; APPLICANT: Li, Kening
; APPLICANT: Rouse, Douglas I.
; APPLICANT: German, Thomas L.
; TITLE OF INVENTION: ASSAY FOR VERTICILLIUM DAHLIAE
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles and Brady
; STREET: 1 South Pinckney St., PO BOX 2113
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53701-2113
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/335.565A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Seay, Nicholas J
; REGISTRATION NUMBER: 27,386
; REFERENCE/DOCKET NUMBER: 960296.93065
; TELECOMMUNICATION INFORMATION:

US-09-721-777-19
RESULT 18
US-08-250-951-1/c
; Sequence 1, Application US/08250951
; Patent No. 5532129
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
; STRUCTURES BASED ON CHROMOPHORE- AND FLUOROPHORE-CONTAINING
; POLYNUCLEOTIDES AND METHODS OF THEIR USE
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bingham & Fitting
; STREET: 12526 High Bluff Drive, Suite 300
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92130
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/250.951
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/790,262
; FILING DATE: 07-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: HEL0002P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-792-3680
; TELEFAX: 619-792-8477
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: /note= "Donor chromophore at the 3'
; OTHER INFORMATION: T nucleotide"
US-08-250-951-1

Query Match          100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          1 GTATG 5
Db          6 GTATG 10

US-08-335-565A-27
; TELEPHONE: 608-251-5000
; TELEFAX: 608-251-9166
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: /note= "Donor chromophore at the 3'
; OTHER INFORMATION: T nucleotide"
US-08-335-565A-27

Query Match          100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          1 GTATG 5
Db          6 GTATG 10
```

```
;
;
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (gc-da)n.(dg-dt)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 422:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-222-177A-422

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 8 GTATG 4

RESULT 21
US-08-351-748-23
; Sequence 23, Application US/08351748
; Patent No. 5599672
; GENERAL INFORMATION:
; APPLICANT: Liang, Peng
; APPLICANT: Pardee, Arthur B.
; APPLICANT: Bianchi, Cesario F.
; TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

;
;
; BEST LOCAL SIMILARITY 100.0%; Pred. No. 3e+05;
; MATCHES 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 8 GTATG 4

RESULT 19
US-08-232-233-1/c
; Sequence 1, Application US/08232233
; Patent No. 5565322
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
; TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE- AND FLUOROPHORE-
; TITLE OF INVENTION: CONTAINING POLYNUCLEOTIDES AND METHODS OF THEIR USE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,233
; FILING DATE: May 4, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/790,262
; FILING DATE: No. 5565322ember 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, David B.
; REGISTRATION NUMBER: 31,125
; REFERENCE/DOCKET NUMBER: 207/170
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: /note="Donor chromophore at the 3' T nucleotide"
; US-08-232-233-1

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 8 GTATG 4

RESULT 20
US-08-222-177A-422/c
; Sequence 422, Application US/08222177A
; Patent No. 5582979
```

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/351,748
;; FILING DATE: 11-MAR-1993
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/033,084
;; FILING DATE: 11-MAR-1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Kaplan Esq., Warren A.
;; REGISTRATION NUMBER: 34,199
;; REFERENCE/DOCKET NUMBER: 181411-008
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (617) 248-5000
;; TELEFAX: (617) 248-4000
;; INFORMATION FOR SEQ ID NO: 23:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 10 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
US-08-351-748-23

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 5; Conservative 0;
QY 1 GTATG 5
Db 1 GTATG 5

RESULT'22
US-08-351-748-25
; Sequence 25, Application US/08351748
; Patent No. 5599672
; GENERAL INFORMATION:
; APPLICANT: Liang, Peng
; APPLICANT: Pardee, Arthur B.
; APPLICANT: Bianchi, Cesario F.
; TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
; MESSAGE: Messenger RNAs
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/351,748
; FILING DATE: 11-MAR-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/033,084
; FILING DATE: 11-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Kaplan Esq., Warren A.
; REGISTRATION NUMBER: 34,199
; REFERENCE/DOCKET NUMBER: 181411-008
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248-4000
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs

;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
US-08-351-748-25
Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 5; Conservative 0;
QY 1 GTATG 5
Db 1 GTATG 5
RESULT 23
US-08-202-927-25/c
; Sequence 25, Application US/08202927
; Patent No. 5646126
; GENERAL INFORMATION:
; APPLICANT: Cheng, Yung-chi
; APPLICANT: Lukhtanov, Eugeny A.
; APPLICANT: Meyer Jr., Rich B.
; APPLICANT: Pai, Balakrishna S.
; APPLICANT: Reed, Michael W.
; APPLICANT: Zhou, James H.
; TITLE OF INVENTION: Modified Oligonucleotide Duplexes Having
; TITLE OF INVENTION: Anticancer Activity
; NUMBER OF SEQUENCES: 70
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klein & Szekeres
; STREET: 4199 Campus Drive, Suite 700
; CITY: Irvine
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92715
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/202,927
; FILING DATE: 28-FEB-1994
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Szekeres, Gabor L.
; REGISTRATION NUMBER: 28,675
; REFERENCE/DOCKET NUMBER: 491-07-PA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (714) 854-5502
; TELEFAX: (714) 854-4897
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 10
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "Nucleotide 10 has a tail which comprises
; OTHER INFORMATION: a cholesterol moiety which has its A ring linked to
; OTHER INFORMATION: the 3'-phosphate through a carbonyl group attached
; OTHER INFORMATION: to the ring nitrogen of a moiety derived from
; OTHER INFORMATION: 4-hydroxy-2-hydroxymethylpyrrolidine (see
; OTHER INFORMATION: formula 3)." .
US-08-202-927-25
Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

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Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 5 GTATG 1

RESULT 24
US-08-430-536A-23
; Sequence 23, Application US/08430536A
; Patent No. 5665547
; GENERAL INFORMATION:
; APPLICANT: Liang, Peng
; TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
; TITLE OF INVENTION: MESSENGER RNAs
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 25-APR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Herschbach Ph.D., Brenda M.
; REGISTRATION NUMBER: 39,223
; REFERENCE/DOCKET NUMBER: 181411-012
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248-4000
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-430-536A-23

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 1 GTATG 5

RESULT 25
US-08-430-536A-25
; Sequence 25, Application US/08430536A
; Patent No. 5665547
; GENERAL INFORMATION:
; APPLICANT: Liang, Peng
; TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
; TITLE OF INVENTION: MESSENGER RNAs
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 22-DEC-1993
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/108,808
; FILING DATE: 19-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/022,034
; FILING DATE: 25-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/026,063
```

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STATE: MA
COUNTRY: USA
ZIP: 02109-2891
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/430,536A
FILING DATE: 25-APR-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Herschbach Ph.D., Brenda M.
REGISTRATION NUMBER: 39,223
REFERENCE/DOCKET NUMBER: 181411-012
TELEPHONE: (617) 248-5000
TELEFAX: (617) 248-4000
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-430-536A-25

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 1 GTATG 5

RESULT 26
US-08-171-718-45
; Sequence 45, Application US/08171718
; Patent No. 5707863
; GENERAL INFORMATION:
; APPLICANT: Trofatter, James A.
; APPLICANT: MacCollin, Mia M.
; APPLICANT: Gusella, James F.
; TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
; TITLE OF INVENTION: Thersof
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, N.W., Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/171,718
; FILING DATE: 22-DEC-1993
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/108,808
; FILING DATE: 19-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/022,034
; FILING DATE: 25-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/026,063
```

```
; FILING DATE: 04-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Anne
; REGISTRATION NUMBER: 36,463
; REFERENCE/DOCKET NUMBER: 0609.3850003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-171-718-45

Query Match      100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTATG 5
Db      1 GTATG 5

RESULT 27
US-08-703-601-1/c
; Sequence 1, Application US/08703601
; Patent No. 5849489
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
; TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE-
; TITLE OF INVENTION: AND FLUOROPHORE-CONTAINING
; TITLE OF INVENTION: POLYNUCLEOTIDES AND METHODS OF
; TITLE OF INVENTION: THEIR USE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/703,601
; FILING DATE: August 23, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/232,233
; FILING DATE: May 5, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Kappos, John
; REGISTRATION NUMBER: 37,861
; REFERENCE/DOCKET NUMBER: 221/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO

; FILING DATE: 04-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Anne
; REGISTRATION NUMBER: 36,463
; REFERENCE/DOCKET NUMBER: 0609.3850003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-703-601-1

Query Match      100.0%; Score 5; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTATG 5
Db      1 GTATG 5

RESULT 28
US-08-684-547-23
; Sequence 23, Application US/08684547
; Patent No. 5965409
; GENERAL INFORMATION:
; APPLICANT: Pardee Ph.D., Arthur B.
; APPLICANT: Liang Ph.D., Peng
; TITLE OF INVENTION: SYSTEM FOR COMPARING LEVELS OR AMOUNTS
; TITLE OF INVENTION: OF MRNAS
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/684,547
; FILING DATE: 19-JUL-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Jarrell Ph.D., Brenda H.
; REGISTRATION NUMBER: 39,223
; REFERENCE/DOCKET NUMBER: 0181411-0013
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248-4000
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
;
US-08-684-547-23

Query Match      100.0%; Score 5; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTATG 5
Db      1 GTATG 5

RESULT 29
US-08-684-547-25
; Sequence 25, Application US/08684547
; Patent No. 5965409
; GENERAL INFORMATION:
```

; APPLICANT: Pardee Ph.D., Arthur B.
; APPLICANT: Liang Ph.D., Peng
; TITLE OF INVENTION: SYSTEM FOR COMPARING LEVELS OR AMOUNTS
; TITLE OF INVENTION: OF MRNAS
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESS: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/684,547
; FILING DATE: 19-JUL-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Jarell Ph.D., Brenda H.
; REGISTRATION NUMBER: 39,223
; REFERENCE/DOCKET NUMBER: 0181411-0013
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248-4000
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-684-547-25

Query Match 100.0%; Score 5; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 1 GTATG 5

RESULT 30
US-08-469-318-174
; Sequence 174, Application US/08469318
; Patent No. 6022535
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Multivariant IL-3 Hematopoiesis Fusion
; TITLE OF INVENTION: Protein
; NUMBER OF SEQUENCES: 196
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,318
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/446,872
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 174:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-469-318-174
Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GTATG 5
Db 6 GTATG 10
RESULT 31
US-08-468-609A-174
; Sequence 174, Application US/08468609A
; Patent No. 6030812
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Caparon, Mair H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; APPLICANT: Paik, Kuman
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Fusion Proteins Comprising Multiply Mutated Interleukin-3 (IL-3)
; NUMBER OF SEQUENCES: 197
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/468,609A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/192,325
; FILING DATE: 14-FEB-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C-2790/3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (314) 737-6986
; TELEFAX: (314) 737-6972
; INFORMATION FOR SEQ ID NO: 174:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-468-609A-174
Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GTATG 5

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Db          |||||
            6 GTATG 10

RESULT 32
US-08-478-087-45
; Sequence 45, Application US/08478087
; Patent No. 6077685
; GENERAL INFORMATION:
; APPLICANT: Trofatter, James A.
; APPLICANT: MacCollin, Mia M.
; APPLICANT: Gusella, James F.
; TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
; TITLE OF INVENTION: Thereof
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, N.W., Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,087
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/171,718
; FILING DATE: 22-DEC-1993
; APPLICATION NUMBER: US 08/108,808
; FILING DATE: 19-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/022,034
; FILING DATE: 25-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/026,063
; FILING DATE: 04-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Anne
; REGISTRATION NUMBER: 36,463
; REFERENCE/DOCKET NUMBER: 0609.3850003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-478-087-45

Query Match          100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
Db 1 GTATG 5

RESULT 33
US-09-063-450-24/c
; Sequence 24, Application US/09063450
; Patent No. 6109776
; GENERAL INFORMATION:
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Method and System for Computationally Identifying

; TITLE OF INVENTION: Clusters Within a Set of Sequences
; FILE REFERENCE: 77001.002
; CURRENT APPLICATION NUMBER: US/09/063,450
; CURRENT FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:example
; OTHER INFORMATION: sequence illustrating a computational methodology
US-09-063-450-24

Query Match          100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
Db 5 GTATG 1

RESULT 34
US-09-063-450-33
; Sequence 33, Application US/09063450
; Patent No. 6109776
; GENERAL INFORMATION:
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Method and System for Computationally Identifying
; TITLE OF INVENTION: Clusters Within a Set of Sequences
; FILE REFERENCE: 77001.002
; CURRENT APPLICATION NUMBER: US/09/063,450
; CURRENT FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:example
; OTHER INFORMATION: sequence illustrating a computational methodology
US-09-063-450-33

Query Match          100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
Db 3 GTATG 7

RESULT 35
US-09-123-638-1/c
; Sequence 1, Application US/09123638
; Patent No. 6162603
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
; TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE-
; TITLE OF INVENTION: AND FLUOROPHORE-CONTAINING
; TITLE OF INVENTION: POLYNUCLEOTIDES AND METHODS OF
; TITLE OF INVENTION: THEIR USE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
```

ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/123,638
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/703,601
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Kappos, John
REGISTRATION NUMBER: 37,861
REFERENCE/DOCKET NUMBER: 221/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FEATURE:
NAME/KEY: misc_feature
LOCATION: 10
OTHER INFORMATION: /note="Donor chromosome at the 3' T
US-09-123-638-1

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 8 GTATG 4

RESULT 36
US-08-646-695-30
Sequence 30, Application US/08646695
Patent No. 6168943
GENERAL INFORMATION:
APPLICANT: Rose, John K.
TITLE OF INVENTION: RECOMBINANT VESICULOVIRUSES AND THEIR
TITLE OF INVENTION: USES
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,695
FILING DATE: On Even Date Herewith
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mistock, S. Leslie

REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-008
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: RNA
FEATURE:
NAME/KEY: polyA
LOCATION: 10
US-08-646-695-30

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 60.0%; Pred. No. 3e+05;
Matches 3; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 6 GUAUG 10

RESULT 37
US-08-875-533-31
Sequence 31, Application US/08875533
Patent No. 6254870
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: No. 6254870e1 c-MPL Ligands
NUMBER OF SEQUENCES: 73
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,533
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/383,035
FILING DATE: 04-FEB-1995
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-875-533-31

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 1 GTATG 5

RESULT 38
US-08-446-872A-174
Sequence 174, Application US/08446872A
Patent No. 6361977
GENERAL INFORMATION:
APPLICANT: Abrams, Mark A.
NAME: Bauer, S. C.

APPLICANT: Bradford-Goldberg, Sarah R.
APPLICANT: Caparon, Mairé H.
APPLICANT: Easton, Alan M.
APPLICANT: Klein, Barbara K.
APPLICANT: McKearn, John P.
APPLICANT: Olin, Peter O.
APPLICANT: Paik, Kumnan
APPLICANT: Thomas, John W.
TITLE OF INVENTION: Multivariant IL-3 Hematopoiesis
TITLE OF INVENTION: Fusion Protein
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
STREET: P. O. Box 5110
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60680
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/446,872A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/192,325
FILING DATE: 14-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Dennis A.
REGISTRATION NUMBER: 34,547
REFERENCE/DOCKET NUMBER: C-2790/1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314)737-6986
TELEFAX: (314)737-6972
INFORMATION FOR SEQ ID NO: 174:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-446-872A-174

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
Db 6 GTATG 10

RESULT 39
US-09-724-753-1/c
Sequence 1, Application US/09724753
Patent No. 6416953
GENERAL INFORMATION:
APPLICANT: Michael J. Heller
TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
STRUCTURES BASED ON CHROMOPHORE-
AND FLUOROPHORE-CONTAINING
POLYNUCLEOTIDES AND METHODS OF
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California

COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/724,753
FILING DATE: 28-NO. 6416953-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/123,638
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Kappos, John
REGISTRATION NUMBER: 37,861
REFERENCE/DOCKET NUMBER: 221/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FEATURE:
NAME/KEY: misc_feature
LOCATION: 10
OTHER INFORMATION: /note="Donor chromophore at the 3' T
nucleotide"
US-09-724-753-1

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
Db 8 GTATG 4

RESULT 40
US-08-762-227A-174
Sequence 174, Application US/08762227A
Patent No. 6436387
GENERAL INFORMATION:
APPLICANT: Abrams, Mark A.
Bauer, S. C.
Bratford-Goldberg, Sarah R.
Caparon, Mairé H.
Easton, Alan M.
Klein, Barbara K.
McKearn, John P.
Olin, Peter O.
Paik, Kumnan
Thomas, John W.
TITLE OF INVENTION: Multivariant IL-3 Hematopoiesis
Fusion Protein
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
Corporate Patent Dept.
STREET: P. O. Box 5110
CITY: Chicago
STATE: Illinois
COUNTRY: USA

ZIP: 60680
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/762,227A
FILING DATE: 09-Dec-1996
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/192,325
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: US 08/446,872
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Dennis A.
REGISTRATION NUMBER: 34,547
REFERENCE/DOCKET NUMBER: C-2790/5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (708)470-6501
TELEFAX: (708)470-6881
INFORMATION FOR SEQ ID NO: 174:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 174:
US-08-762-227A-174

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred.No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GTATG 5
Db 6 GTATG 10

Search completed: July 12, 2005, 21:41:27
Job time : 30.4937 secs